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**F-111D D,T&E EVALUATION OF
ENVIRONMENTAL CONTROL,
AIRFRAME, FLIGHT CONTROL ,
AND SECONDARY POWER
SUBSYSTEMS**

APPENDIX II

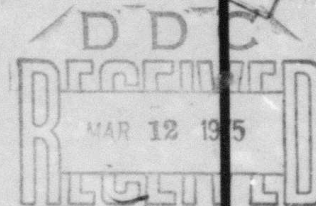
RICHARD W. OLSON
Captain, USAF
Project Engineer

TECHNICAL REPORT No. 73-6

DECEMBER 1973

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**AIR FORCE FLIGHT TEST CENTER
EDWARDS AIR FORCE BASE, CALIFORNIA
AIR FORCE SYSTEMS COMMAND
UNITED STATES AIR FORCE**



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**F-111D, DT&E EVALUATION OF
ENVIRONMENTAL CONTROL,
AIRFRAME, FLIGHT CONTROL,
AND SECONDARY POWER
SUBSYSTEMS.**

APPENDIX II.

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AF FTC-68-11A

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FOREWORD

This presents appendix II to Air Force Flight Test Center Technical Report No. FTC-TR-73-6. The tests were conducted by AFFTC personnel in the Eglin AFB, Florida, Climatic Laboratory, from 8 March through 31 March 1972. Results of the tests in addition to the above document have been previously published in the F-111D DT&E Monthly Reports, deficiency reports, and unsatisfactory reports. Authorization for the tests was AFFTC Project Directive 68-11A.

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GENERAL TEST AND INSTRUMENTATION DESCRIPTION

During the desert and tropic climatic laboratory test phases of the F-111D climatic test program, 11.5 hours of test time were accumulated during 11 test runs. Four test runs were selected as being the most representative of aircraft operation in regions with ambient temperatures varying from 70 to 125 degrees F and under varying relative humidities. All available data obtained on these test runs are presented in this document.

computer printouts.
The instrumentation system used for the climatic laboratory phase consisted of a recording system furnished by the Air Force Flight Test Center (AFFTC) and transducers and wiring furnished and installed by Convair Aerospace Division of General Dynamics Corporation, Fort Worth, Texas. The Airborne Digital Data Acquisition System (ADDAS), Teledyne Model 1160-1, used a Borg-Warner Magnetic Tape Recorder (Model R-206-101-06). The ADDAS controlled the sampling rate of seven commutators. A total of 206 parameters was measured by the various thermocouples and pressure transducers connected to these commutators. Analog data were converted to digital form and recorded on the variable speed, continuous-run recorder. Recorded tapes were processed on the CDC 6600 computer at Eglin AFB and on the CDC 6500 computer at Edwards AFB to produce expanded, finished data printouts.

An instrumentation parameter listing (table I) is furnished and is broken down by subsystem. Refer to the Instructions for Data Use for an explanation of the table. Following the listing is a test run summary of all data runs made (table II).

To convey fully just what was tested, what data were taken, and in what order, a test sequence (table III) has been furnished, followed by data reading instructions for the tabulated data.

The tabulated data are preceded by a test synopsis and data event sheet so that portions of the data can be more easily interpreted as to which item was under test at any given time.

INSTRUCTIONS FOR DATA USE

The tabulated data in this document have been selected to be representative of a test run at each temperature level. Some of the output is not straightforward and requires explanation. That information is provided below. For publication purposes, the output on most of the tabulated parameters has been condensed, showing a printed value about every 5 seconds. Owing to system error, the tabulated data should be treated as accurate to ± 5 percent of the actual value.

Codes are assigned to all parameters by subsystem. They are: EC - Environmental Control; AF - Airframe; FC - Flight Controls; CS - Crew Station; PR - Propulsion; SP - Secondary Power; and IN - Instrumentation event marks. The Instrumentation Parameter Listing relates the parameter names, units, and parameter ranges. A group index number is included to provide a quick reference to parameters in the tabulated listings. This group index number appears on the upper left corner of the data pages.

Wildpoints or inconsistencies should be obvious. They are indicated by asterisks, the word "low", or by a much higher or lower single parameter value.

The exhaust outlet temperatures of the avionics units were measured and are given as parameters EC68 through 76, and EC80 through 91. The respective units are identified in the index.

A list of inoperative parameters is furnished in each test synopsis.

Table I

INSTRUMENTATION PARAMETER LISTING

Identification No.	Test Item	Range	Group Index No.
EC-01	Pressure, cabin altitude	0 to 15 psia	3
EC-02	Rate, pressure altitude	$\pm 84k$ ft/min	1
EC-03	Temperature, ram air	-100 to 50°C	2
EC-04	Temperature, air, pilot's head level	-65 to 300°F	3
EC-05	Temperature, air, pilot's foot level	-65 to 300°F	3
EC-06	Temperature, floor, pilot's sta	-65 to 300°F	4
EC-07	Temperature, air, pilot's waist level	-65 to 300°F	3
EC-08	Temperature, air, WSO's head level	-65 to 300°F	3
EC-09	Temperature, air, WSO's foot level	-65 to 300°F	3
EC-10	Temperature, floor, WSO's crew sta	-65 to 300°F	4
EC-11	Temperature, air, WSO's waist level	-65 to 300°F	3
EC-12	Temperature, cabin air, R/H defog outlet	-65 to 300°F	3
EC-13	Temperature, cabin air, L/H defog outlet	-65 to 300°F	3
EC-14	Temperature, cabin air, L/H defog outlet	-65 to 300°F	4
EC-15	Temperature, cabin air, inlet at sensor 1-12	-65 to 300°F	4
EC-16	Temperature, cabin air inlet at duct tee	-65 to 300°F	4
EC-17	Temperature, air, cabin exit	-65 to 300°F	4
EC-18	Temperature, air behind pilot's panel	-65 to 300°F	4
EC-19	Temperature, air behind WSO's panel	-65 to 300°F	4
EC-20	Temperature, surface, windshield bottom	-65 to 300°F	4
EC-21	Temperature, surface, windshield center	-65 to 300°F	4
EC-22	Position, temp controller	0 to 100%	2
EC-23	Temperature, air, upstream bleed air regulator	0 to 1,100°F	3
EC-24	Pressure, upstream of bleed air regulator	0 to 300 psid	4
EC-25	Flow, pressure, upstream of bleed air regulator	0 to 5 psid	4
EC-26	Temperature, air, downstream of service air regulator	0 to 1,100°F	4
EC-27	Pressure, downstream of service air regulator	0 to 100 psid	5
EC-28	Flow, pressure, downstream of service air regulator	0 to 5 psid	5
EC-29	Temperature, ECS air, upstream of water separator	-130 to 280°F	5
EC-30	Pressure, upstream of water separator	0 to 20 psid	5
EC-31	Flow pressure, upstream of water separator	0 to 5 psid	16
EC-32	Temperature, air, main cabin supply at flow tube	-65 to 250°F	5
EC-33	Pressure, main cabin at flow tube	0 to 20 psid	5
EC-34	Flow, pressure, main cabin supply	0 to 5 psid	16
EC-35	Temperature, air, fwd equip bay at venturi	-65 to 250°F	5
EC-36	Pressure, static, fwd equip bay at venturi	0 to 200 psid	6
EC-37	Flow pressure, fwd equip bay at venturi	0 to 5 psid	16
EC-38	Temperature, air, downstream of primary heat exchanger	-65 to 700°F	6
EC-39	Pressure, static, downstream of primary heat exchanger	0 to 100 psid	5

Table I (Continued)

Identification No.	Test Item	Range	Group Index No.
EC-40	Temperature, air, ram inlet, R/H primary heat exchanger	-65 to 450°F	6
EC-44	Temperature, ECS air, downstream of compressor	0 to 1,100°F	5
EC-45	Temperature, air, inlet ECS turbine	-65 to 300°F	5
EC-46	Temperature, air, outlet	-130 to 280°F	5
EC-47	Pressure, ECS turbine inlet	0 to 200 psid	5
EC-48	Pressure, static, ECS turbine outlet	0 to 20 psid	5
EC-49	Temperature, air, downstream of hot air sensor	0 to 550°F	6
EC-50	Pressure, static, downstream of hot air sensor	0 to 100 psid	6
EC-51	Air cond turbine speed	0 to 100k rpm	5
EC-52	Temperature, outlet, rain removal nozzle	-65 to 45°F	6
EC-53	Pressure, rain removal nozzle outlet	0 to 100 psid	6
EC-54	Pressure, reference course	0.5 to 60" Hg	6
EC-55	Pressure, reference total	0 to 60" Hg	6
EC-56	Pressure, primary heat exchanger ram air sub inlet 1	0 to 40 psid	7, 14
EC-57	Pressure, primary heat exchanger ram air sub inlet 2	0 to 40 psid	7
EC-58	Pressure, primary heat exchanger ram air sub inlet 3	0 to 40 psid	7
EC-59	Pressure, static, primary heat exchanger header inlet	0 to 5 psid	7
EC-60	Pressure, static, primary heat exchanger header outlet	0 to 30 psid	7
EC-63	Pressure, static, service air heat exchanger ram inlet header	0 to 5 psid	6
EC-64	Pressure, static, service air heat exchanger ram exit header	0 to 5 psid	6
EC-65	Pressure, static, ram air inlet	-1 to 29 psid	7
EC-66	Temperature, air, downstream of anti-ice shut-off valve	-65 to 450°F	16
EC-67	Temperature, manifold vortex gen	-65 to 450°F	8
EC-68	Temperature No. 1, air, L/H fwd electronic bay, doppler processor	-65 to 300°F	11
EC-69	Temperature No. 2, air, L/H fwd electronic bay, low voltage power supply	-65 to 300°F	11
EC-70	Temperature No. 3, air, L/H fwd electronic bay, electronic processor unit	-65 to 300°F	7, 11
EC-71	Temperature No. 4, air, L/H fwd electronic bay, transmitter heat exchanger inlet	-65 to 300°F	11
EC-72	Temperature No. 5, air, L/H fwd electronic bay, transmitter heat exchanger outlet	-65 to 300°F	11
EC-73	Temperature No. 6, air, L/H fwd electronic bay, CADC	-65 to 300°F	11
EC-74	Temperature No. 7, air, L/H fwd electronic bay, navigation computer unit	-65 to 300°F	11
EC-75	Temperature No. 8, air, L/H fwd electronic bay, master frequency generator	-65 to 300°F	12
EC-76	Temperature No. 9, air, L/H fwd electronic bay, inertial reference unit	-65 to 300°F	12

Table 1 (Continued)

Identification No.	Test Item	Range	Group Index No.
EC-80	Temperature No. 1, air, R/H fwd electronic bay, transmitter synchronizer	-65 to 300°F	12
EC-81	Temperature No. 2, air, R/H fwd electronic bay, R/H TFR computer	-65 to 300°F	12
EC-82	Temperature No. 3, air, R/H fwd electronic bay, signal transfer unit, exhaust air	-65 to 300°F	12
EC-83	Temperature No. 4, air, R/H fwd electronic bay, doppler electronic unit	-65 to 300°F	12
EC-84	Temperature No. 5, air R/H fuel electronic bay, general navigation computer	-65 to 300°F	12
EC-85	Temperature No. 6, air R/H fwd electronic bay, converter set (bottom)	-65 to 300°F	12
EC-86	Temperature No. 7, air, R/H fwd electronic bay, weapon delivery computer	-65 to 300°F	12
EC-88	Temperature No. 9, air, R/H fwd electronic bay, signal transfer unit, inlet ambient air	-65 to 300°F	12
EC-89	Temperature No. 10, air R/H fwd electronic bay, ARS power supply	-65 to 300°F	12
EC-90	Temperature No. 11, air, R/H fwd electronic bay, converter set (top)	-65 to 300°F	12
EC-91	Temperature No. 12, air, R/H fwd electronic bay, maintenance control unit	-65 to 300°F	13
EC-92	Pressure, diff, L/H electronic bay	0 to 5 psid	3
EC-93	Pressure, diff, R/H electronic bay	0 to 5 psid	3
EC-94	Temperature, fwd equip bay aft cheek L/H	-65 to 300°F	11
EC-95	Temperature, aft equip bay aft cheek L/H	-65 to 300°F	11
EC-96	Temperature, fwd equip bay aft cheek R/H	-65 to 300°F	11
EC-97	Temperature, aft equip bay aft cheek R/H	-65 to 300°F	11
EC-98	Temperature, ambient, fin tip compt	-65 to 300°F	14
EC-99	Temperature, air, R/H ram exit primary heat	0 to 1,100°F	6
EC-100	Temperature, air R/H ram exit exchanger	0 to 1,100°F	6
EC-101	Temperature, air, R/H ram exit exchanger	0 to 1,100°F	6
EC-102	Temperature, radome area top sta 24	-65 to 300°F	10
EC-103	Temperature, radome area top sta 72	-65 to 300°F	10
EC-104	Temperature, radome area top sta 120	-65 to 300°F	10
EC-105	Temperature, radome area lower sta 124	-65 to 300°F	10
EC-106	Temperature, ambient main wheel well	-65 to 300°F	9
EC-107	Temperature, ambient main wheel well fwd R/H	-65 to 300°F	9
EC-108	Temperature, ambient main wheel well aft L/H	-65 to 300°F	9
EC-109	Temperature, ambient main wheel well aft R/H	-65 to 300°F	10
EC-110	Temperature, weapons bay sta 460	-65 to 300°F	10
EC-111	Temperature, weapons bay sta 400	-65 to 300°F	10
EC-112	Temperature, weapons bay sta 341	-65 to 300°F	10
EC-113	Temperature, weapons bay sta 276	-65 to 300°F	10
EC-114	Temperature, emergency generator air cooling exit	-65 to 300°F	16
AF-1A	Initiation, landing gear up	On(1)-off(0)	1
AF-1B	Initiation, landing gear down	On(1)-off(0)	1
AF-2A	Position, main landing gear up	Up and locked (1) or off (0)	1

Table I (Continued)

Identification No.	Test Item	Range	Group Index No.
AF-2B	Position, main landing gear down	Down and locked (1) or off (0)	1
AF-3A	Position, nose landing gear up	Up and locked (1) or off (0)	1
AF-3B	Position, nose landing gear down	Down and locked (1) or off (0)	1
AF-4	Total fuel quantity	0 to 80k lbs	2
AF-5	Flow, total fuel L/H eng	0 to 80k pph	15
AF-6	Temperature, fuel tank trap bottom center	-65 to 300°F	16
AF-7	Temperature, fuel inlet, main fuel controller L/H eng	-65 to 300°F	13
AF-8	Temperature, fuel, main controller outlet L/H eng	-65 to 300°F	13
AF-9	Temperature, fuel inlet, A/B fuel controller L/H eng	-65 to 300°F	13
AF-10	Pressure, A/B fuel controller inlet	0 to 2k psig	8
AF-11	Pressure, A/B fuel controller outlet	0 to 500 psig	8
AF-12	Pressure, fuel controller outlet L/H eng	0 to 750 psig	9
AF-13	Pressure, fuel boost pump outlet L/H eng	0 to 50 psig	9
AF-14	Pressure, air, fwd fuel tank	0 to 15 psig	8
AF-15	Temperature, fuel inlet, hydraulic cooler, utility	-65 to 300°F	13
AF-16	Temperature, fuel outlet, hydraulic cooler utility	-65 to 300°F	13
AF-17	Temperature, fuel outlet, fuel-oil cooler L/H eng	-65 to 300°F	14
AF-18	Pressure, fuel, oil L/H eng	0 to 500 psig	8
AF-19	Temperature, oil, outlet, fuel oil cooler L/H eng	-65 to 350°F	13
AF-20	Temperature, oil, outlet, A/B fuel oil cooler L/H eng	-65 to 300°F	13
AF-21	Pressure, A/B fuel, oil cooler outlet L/H eng	0 to 120 psig	9
AF-22	Temperature, oil tank L/H eng	-65 to 350°F	13
AF-23	Pressure, oil tank breather L/H eng	0 to 30 psig	9
AF-24	Pressure, P&D valve primary fuel outlet L/H eng	0 to 750 psig	9
AF-25	Pressure, P&D valve secondary fuel outlet L/H eng	0 to 750 psig	9
AF-26	Temperature, air inlet-oil cooler L/H eng	-65 to 450°F	16
AF-27	Temperature, oil inlet, air-oil cooler L/H eng	-65 to 350°F	13
AF-28	Temperature, oil outlet, air-oil cooler L/H eng	-65 to 350°F	13
AF-29	Pressure, air cooler outlet, L/H eng	0 to 500 psig	16
AF-30	Pressure, main lube pump outlet, L/H eng	0 to 500 psig	9
AF-31	Temperature, skin, wing upper L/H outboard	-65 to 300°F	15
AF-32	Temperature, skin, wing upper L/H inboard	-65 to 300°F	15
AF-33	Temperature, skin, wing R/H outboard	-65 to 300°F	15
AF-34	Temperature, skin, wing upper R/H inboard	-65 to 300°F	15
AF-35	Temperature, skin mass sta 372	-65 to 300°F	9

Table I (Continued)

Identification No.	Test Item	Range	Group Index No.
AF-36	Temperature, skin mass sta 477	-65 to 300°F	10
AF-37	Temperature, skin, tail L/H sta 687	-65 to 300°F	14
AF-38	Temperature, skin, tail R/H sta 687	-65 to 300°F	14
AF-39	Bulkhead sta 476	-65 to 300°F	17
AF-40	Lower cap on wing pivot	-65 to 300°F	17
AF-41	Wing pivot	-65 to 300°F	17
AF-42	Upper frame sta 770	-65 to 300°F	17
FC-01	Position, flap and slat	0 to 40°, in-out	2
FC-02	Position, wing sweep	16 to 72.5°	2
FC-03	Position, speed brake door	0 to 75°	2
IN-03	Event, marker, camera switch	on-off	1
IN-04	Initiation, eng start L&R	off-on	1
CS-01	Airspeed, true	50 to 1k KTAS	1
CS-02	Mach number	0.12 to 2.8M	1
CS-03	Pressure, altitude	-1.5 to 80k	3
CS-04	Heading, aircraft	0 to 360°	1
CS-05	Attitude, pitch	+90°	15
CS-06	Attitude, roll	+180°	15
CS-07	Angle of attack, true	-10 to 25°	16
PR-01	N1 tack gen L/H eng	0 to 11k rpm	15
PR-02	N2 tack gen L/H eng	0 to 16k rpm	15
PR-03	Temperature, turbine inlet (Tt5) L/H eng	0 to 1,250°C	1
PR-04	Pressure, eng ratio L/H	1 to 3 ratio	15
PR-05	Position, nozzle L/H eng	0 to 100%	2
PR-06	Position, throttle L/H eng	0 to 120°	3
PR-07	Temperature, L/H eng Compt top fwd sta 650	-65 to 450°F	14
PR-08	Temperature, L/H eng compt bottom fwd sta 650	-65 to 450°F	14
PR-09	Temperature, L/H eng compt inboard fwd sta 650	-65 to 450°F	14
PR-10	Temperature, L/H eng compt outboard fwd sta 650	-65 to 450°F	14
PR-11	Temperature, L/H eng compt top aft sta 770	-65 to 450°F	14
PR-12	Temperature, L/H eng compt bottom aft sta 770	-65 to 450°F	14
PR-13	Temperature, CSD, L/H eng	-65 to 350°F	7
PR-14	Temperature, gear case, L/H eng	-65 to 350°F	8
PR-15	Temperature, main fuel controller, L/H eng	-65 to 300°F	8
PR-16	Temperature, starter, L/H eng	-65 to 300°F	14
PR-17	Temperature, air, bleed to R/H starter	100 to 1,200°F	16
PR-18	Pressure, cartridge starter chamber	0 to 1k psig	1
PR-19	Pressure, air bleed to starter L/H engine	0 to 50 psig	15
PR-20	Temperature, oil CSD inlet L/H eng	-65 to 300°F	10
PR-21	Pressure, oil inlet, CSD L/H eng	0 to 300 psig	9
PR-22	Temperature, oil, CSD outlet L/H eng	-65 to 300°F	10
PR-23	Pressure oil outlet, CSD L/H eng	0 to 300 psig	9
PR-24	Temperature, air inlet aux lip	-65 to 450°F	7
PR-25	Temperature, air inlet, L/H cowl lip	-65 to 450°F	7
PR-26	Temperature, surface, L/H aux lip	-65 to 450°F	7

Table I (Concluded)

Identification No.	Test Item	Range	Group Index No.
PR-27A	Temperature, surface, L/H cowl lip at 25°F location	-65 to 450°F	7
PR-27B	Temperature, surface L/H cowl lip at 59°F location	-65 to 450°F	7
PR-28	Temperature, air inlet, spike tip L/H	-65 to 450°F	7
PR-29	Temperature, surface, spike tip	-65 to 450°F	8
PR-30	Temperature, surface, fwd part of moveable spike	-65 to 450°F	15
PR-31	Temperature, air inlet, eng anti-ice into front frame	-65 to 450°F	8
SP-01	Temperature, hydraulic oil, inlet utility pump	-65 to 300°F	11
SP-02	Pressure, hydraulic oil inlet utility pump	0 to 150 psig	8
SP-03	Temperature, hydraulic oil, outlet utility pump	-65 to 300°F	13
SP-04	Pressure, hydraulic oil, outlet utility pump	0 to 5k psig	8
SP-05	Temperature, hydraulic oil, inlet primary pump	-65 to 300°F	11
SP-06	Pressure, hydraulic oil, inlet primary pump	0 to 150 psig	8
SP-07	Temperature, hydraulic oil, outlet primary pump	-65 to 300°F	13
SP-08	Pressure, hydraulic oil, outlet primary pump	0 to 5k psig	8
SP-09	Temperature, hydraulic oil utility inlet cooler	-65 to 300°F	14
SP-10	Temperature, hydraulic oil outlet utility cooler	-65 to 300°F	14
SP-11	Temperature, hydraulic oil utility reservoir	-65 to 300°F	10
SP-12	Temperature, hydraulic oil primary inlet, rudder actuator	-65 to 300°F	10
SP-13	Temperature hydraulic oil, inlet hydraulic cooler R/H	-65 to 300°F	16
SP-14	Temperature hydraulic oil outlet cooler R/H	-65 to 300°F	16
SP-15	Frequency, AC gen L/H	400 Hz	16
SP-16	Voltage, main dc buss	0 to 28 VDC	15

Table II

TEST RUN SUMMARY

Test No.	Test Temperature (deg F)	Date (March 1972)	Temperature Soak Time (hr:min)	Rainfall		Test Time (hr:min)	Total Test Time (hr:min)
				Rate (in. per hr)	Amount (in.)		
70-6	70	12	51:22	-	-	1:27	-
85-1	85	14	38:14	2	45.3*	1:56	3:23
85-2	85	16	46:07	4	148.0*	1:28	4:51
125-1A	125	22	34:25	-	-	0:54	5:45
125-1B	125	22	-	-	-	0:20	6:05
125-1C	125	23	19:46	-	-	0:28	6:33
85-S	85	25	25:08	4	106.7**	0:29	7:02
105-1	105	26	21:09	-	-	1:00	8:02
85-3	85	28	34:12	4	62.0*	1:40	9:42
105-2	105	30	19:22	-	-	0:51	10:33
70-7	70	31	17:19	-	-	0:56	11:29

*"Rain" was stopped just before start of test.

**"Rain" continued during test and stopped upon completion.

Table III

TEST SEQUENCE

PREFLIGHT

1. Perform FOD inspection and walkaround, stations 3, 4, 5, 6, 7. Rotate first stage turbine.
2. Communications check of all stations 0-7, control, air makeup, blue room, data, lab.
3. Comply with before starting engines procedures.
4. Verify squat switches are engaged.
5. Connect ground electrical power, cooling air, and service air.
6. Perform UHF check as follows: UHF radio switch - BOTH; check for side tone: depress tone button; check for tone: UHF radio switch - OFF.
7. Aft console - Checked.
 - a. All circuit breakers - In.
 - b. Computer power switches (3) - ON.
 - c. Central air data computer power switch - POWER.
 - d. Ground ignition cutoff switch - NORM.
 - e. Gyros power switch - GYROS.
 - f. Mach trim test switch - NORM.
 - g. Fire detect switches - NORM.
8. Utility lights - Stowed as desired.
9. Perform cockpit interphone check as follows:
 - a. Station 1 - HOT MIC talk to station 2.
 - b. Station 2 - HOT MIC talk to station 1.
 - c. Repeat steps 1 and 2 on COLD MIC.
10. Perform HF check as follows:
 - a. Set HF radio on Eglin control tower frequency.
 - b. Contact tower and check for 5 x 5 readout.
11. Pressure suit ventilation knob - Full CCW.
12. Oxygen lever - OFF.
13. Autopilot damper panel - Switches OFF.
14. Control system switch - NORM.
15. Rudder authority switch - AUTO.
16. Auxiliary pitch trim switch - STICK.
17. Spoiler brake switch - OFF.
18. Flight control disconnect switch - NORM (cover down).

19. Throttles - OFF.

Move throttles through full travel. Throttles should move smoothly with no binding. Force required to move throttles should not exceed 10 pounds with the throttle friction lever in DECR position.

20. Speed brake switch - In.

21. Anti-skid switch - OFF.

22. Landing/Taxi lights switch - OFF.

23. Flight instrument reference select switch - PRI.

24. Compressor bleed valve switches - AUTO.

25. Auxiliary brake handle - Pulled.

Move the auxiliary brake handle through complete travel in and out. Handle should move smoothly with no binding. Force required to move handle should be between 5 and 12 pounds.

26. Landing gear handle - DN.

27. Utility hydraulic system isolation switch - NORM.

28. Arresting hook handle - OUT.

29. Gun selector switch - OFF.

30. A/Air select switch - OFF, cover down.

31. Heads up display power/intensity knob - OFF.

32. Heads up display reticle/intensity knob - OFF.

33. Radar altimeter control knob - OFF.

34. Horizontal situation display - OFF.

35. Vertical situation display mode selector knob - OFF.

36. Engine/inlet anti-icing switch - AUTO.

37. Pitot/probe heater switch - OFF/SEC.

38. Windshield wash/rain removal selector switch - OFF.

39. Auxiliary flight reference system compass mode selector knob - SLAVED, set (present latitude).

40. Electrical control panel - Set.

41. Generator switches (2) - RUN.

42. Battery switch - OFF.

43. External power switch - OFF.

44. Emergency generator switch - AUTO.

45. Emergency generator indicator/cutoff push button - In (Safetied).

46. Landing gear emergency release handle - In.

47. Fuel panel - Set.

a. Fuel dump switch - OFF.

- b. Air refueling switch - CLOSE.
 - c. Fuel tank pressurization selector switch - AUTO.
 - d. Fuel transfer knob - OFF.
 - e. Engine feed selector knob - OFF.
48. Alignment.
- Perform a _____ alignment.
49. Stores control panel - Verify.
- a. Simulate switch - ON.

The simulate switch must remain on throughout the flight or the weapon/station programming will be lost.
 - b. Remaining switches and knobs - OFF and safetied (where applicable).
 - c. Stores select panel cassette loading - Check.

Check that either a C-1 or C-2 weapon select cassette is installed in the upper left, upper right, and lower left locations. The lower right cassette is not programmed and should not have any weapon identification displayed. Check that the other three cassettes display the M-117, M-118, and N-117R store identifications respectively.
50. Stores select panel - Check.
- a. M-117 select switch - Depress.

Observe that stations 3 and 6 display WPN.
 - b. M-118 select switch - Depress.

Observe that the M-117 cassette and stations 3 and 6 go blank and that station 4 displays WPN.
 - c. M-117R select switch - Depress.

Observe that the M-118 cassette and station 4 go blank and that station 5 displays WPN.
 - d. M-117R select switch - Depress to de-select.

Observe that the M-117R cassette and station 5 display go blank.
51. Terrain following radar channel mode selector knobs (2) - OFF.
52. Spike control switches (2) - NORM.
53. Ground start switch - OFF.

54. Radar bomb scoring tone switch - OFF.
55. Air conditioning panel - Set.
56. Temperature control knob - as desired.
57. Air course selector knob - BOTH.
58. Air conditioning system mode selector switch - AUTO.
59. Pressurization selector switch - NORM.
60. Exchange exit control switch - NORM.
61. Air distribution lever - As desired.
62. Oil quantity indicating system - Checked.

Select and hold the oil/oxygen quantity indicator test switch to OIL QTY and check that indicators show a reading of 5 quarts on the left indicator and 5.7 quarts on the right indicator. Check that oil low caution lamp lights. Release test switch and check that indicators return to original readings and that oil low caution lamp goes out.

63. Fire detect circuit - Checked.

Check that both engine fire warning lamps fuselage fire warning lamp and wheel well.

64. Fire warning lamp (if installed) light while holding the agent discharge/fire detect test switch to the FIRE DETECT TEST position.

ENGINE START (PNEUMATIC)

1. Hangar exhaust door - OPEN.
2. DATA ON.
3. Start RH engine as follows:
 - a. Ground ign switch - IGN.
 - b. Ground start switch - PNEUMATIC.
 - c. Lift RH throttle - engine will accelerate.
 - d. Advance throttle to IDLE after rpm reaches 17 percent.
 - e. RH generator button START and hold, then RUN.
 - f. Accelerate RH engine to 85-percent rpm.
 - g. Start LH engine by lifting LH throttle.
 - h. LH generator button START and hold, then RUN.
 - i. Equalize throttles at IDLE.
4. DATA OFF.

ENGINE START (CARTRIDGE)

1. DATA ON.
 - a. Ground ignition switch - IGN.
 - b. Ground start switch - cartridge.
 - c. Lift LH throttle to start LH engine and immediately push throttle to IDLE.
 - d. LH generator button - START and hold, then RUN.
 - e. Accelerate LH engine to 85-percent rpm.
 - f. Start RH engine by lifting throttle.
 - g. RH generator to START and hold then RUN.
 - h. Equalize throttles to IDLE.

2. DATA OFF

ECS TEST

1. DATA ON.
2. Advance throttles to prescribed value.
3. Perform air conditioning check as follows:
 - a. Air source selector switch - BOTH.
 - b. Controller - AUTO; FULL COLD, continue test for 1/2 minute.
 - c. Controller - AUTO; FULL HOT, continue test for 1/2 minute.
 - d. Controller - MANUAL, FULL COLD, test for 1/2 minute.
 - e. Controller - MANUAL, FULL HOT, test for 1/2 minute.
 - f. Air source selector switch - RIGHT and repeat above.
 - g. Air source selector switch - LEFT and repeat above.
 - h. Return to BOTH, AUTO, normal.
 - i. Defog control handle - DEFOG, check for air distribution.
 - j. Retard throttles to IDLE.

4. DATA OFF

ANTI-ICE CHECK AND SPIKE CHECK

1. Perform anti-ice check as follows:
 - a. Windshield wash/rain removal switch - RAIN REMOVE.
 - b. Windshield select button - BOTH.
 - c. Engine inlet anti-ice switch - AUTO.
 - d. Pilot/probe anti-ice switch - HEAT.

2. Perform spike check as follows:

- a. Spike switches - NORM.
- b. Spike test buttons - depress and hold. Check for:
- c. Spike caution lamps lighted.
- d. Spikes move fully aft and expanded.
- e. Spike caution lamps out.
- f. Spike test buttons - release. Check for:
- g. Spike caution lamps lighted.
- h. Spikes move fully forward and contracted.
- i. Spike caution lamps out.

FLAP/SLAT/WING SWEEP CHECKS

1. DATA ON

2. Retract flaps as follows: (NORM)

- a. Flap/slat mode switch - NORM.
- b. Flap/slat handle UP; time retraction.
- c. Wing sweep handle 72 degrees; time sweep.
- d. Wing sweep handle 16 degrees; time sweep.

3. Extend flaps/slats as follows: (NORM)

- a. Flap/slat mode switch - NORM.
- b. Flap/slat handle - DOWN; time extension.

4. Retract flaps/slats as follows: (EMER)

- a. Flap/slat mode switch - EMER.
- b. Emergency flap/slat control switch - RETRACT: time retraction.

5. Extend flaps/slats as follows: (EMER)

- a. Flap/slat mode switch - EMER.
- b. Emergency flap/slat control switch - EXTEND: time extension.
- c. Retract flaps/slats in normal mode.

6. DATA OFF.

SPOILER CHECK

1. Flight control spoiler monitor test - Checked.

- a. Flight control master test button - Depress and hold.
- b. Spoiler test switch - OUTBD and hold until:
- c. Outboard spoilers momentarily extend, then retract.
- d. Spoiler caution lamp will light.
- e. Spoiler test switch - Release.

- f. Spoiler reset button - Depress. Check spoiler caution lamp out.
- g. Spoiler test switch - INBD and hold until:
- h. Inboard spoilers momentarily extend, then retract.
- i. Spoiler caution lamp will light.
- j. Flight control master test button - Release.
- k. Spoiler reset button - Depress. Check spoiler caution lamp out.
- l. Ground roll spoiler switch - BRAKE. Check that all spoilers extend.
- m. Right throttle - Advance 3 degrees minimum, then IDLE.
At 3 degrees throttle advance, check that all spoilers retract and that the right engine nozzle goes to full closed. When the throttle is returned to IDLE, check that all spoilers extend and that both engine nozzles are full open.
- n. Wing sweep handle - 45 degrees.
- o. Repeat above steps.
- p. Wing sweep handle - AFT to 72.5 degrees. Spoilers should retract.
- q. Flap/slat handle interlock - Check.
With the wings at 72.5 degrees, attempt to move the flap/slat handle to FLAP DOWN. Handle should be mechanically locked in the UP position.
- r. Control stick - Cycle stick and check that all spoilers remain retracted.
- s. Wing sweep handle - FWD to 35 degrees.
As the wings sweep forward, check that both outboard and inboard flight control spoilers extend between 50 and 44 degrees.
- t. Flap/slat switch - EMER.
- u. Emergency flap/slat switch - EXTEND and hold. Flaps and slats should not move.
- v. Wing sweep handle - FWD to 26-degree gate.
Check that the slats and rotating glove start to extend at 26 degrees wing sweep. The slats and rotating glove will extend before the flaps start down.
- w. Flap/slat switch - NORM.
When the flaps reach full down, release the emergency flap/slat switch and place the flap/slat switch to NORM. The flaps and then the slats and rotating glove will retract.
- x. Flap/slat handle - SLAT DOWN.
Check that the slats and rotating glove extend before the flaps start down.

- y. Ground roll spoilers switch - OFF. Check that all spoilers retract.
- z. Wing sweep handle interlock - Check. Attempt to move the wing sweep handle to AFT. Handle should not move.
- aa. Wing sweep handle 26 degrees forward gate release control - Release.
- bb. Wing sweep handle - FWD to 16 degrees.

RUDDER AND NOSEWHEEL CHECK

- 1. Rudder Authority Switch - FULL.
- 2. Nosewheel Steering Button - DEPRESS.
- 3. Depress right rudder pedal - Check for 30 degrees travel.
- 4. Depress left rudder pedal - Check for 30 degrees travel.

FUEL CHECK

- 1. Fuel control panel - Check.
 - a. Engine feed selector knob - FWD.
 - b. Fuel pump low pressure indicator F and S lamps blink.
 - c. Engine feed selector knob - AFT.
 - d. Both A lamps should blink. The S lamps may or may not blink.
 - e. Engine feed selector knob - BOTH.
 - f. Fuel pump low pressure indicator F lamps blink. S and A lamps may or may not blink.
 - g. Engine feed selector knob - Set to AUTO.
 - h. Fuel transfer knob - AUTO or as applicable.
 - i. Fuel quantity and indicators - Check.
 - j. Fuel quantity indicator test button - Depress and check.

NOTE

When the fuel gage select switch is positioned to an external tank or weapon bay tank position and no tank is installed at the station, the selected fuel quantity gauge should drive to below zero, against the mechanical stop.

Forward and aft tanks - 2,000 (+400) pounds.

Select tank - 2,000 (+100) pounds.

Total fuel - 2,000 (+1,250) pounds.

The distribution lamp lights after 12 seconds.

- k. Fuel quantity indicator test switch - Release and check that indicators return to original positions.

2. Fuel tank pressurization - Check.

- a. Fuel tank pressurization selector switch - PRESSURIZE.
- b. Fuel tank pressurization caution lamp - Lighted.
- c. Fuel tank pressurization selector switch - OFF.
- d. Fuel tank pressurization caution lamp - OUT.
- e. Fuel tank pressurization selector switch - AUTO.
- f. Air refueling receptacle switch - OPEN then CLOSE.

INSTRUMENT CHECK

1. Mode select coupler pushbutton - CMD OFF. Mode unsatisfactory light should go out.
2. Horizontal situation indicator check.
 - a. Power-off warning flap - Out of view.
 - b. Course deviation indicator - Centered.
 - c. Course deviation indicator flag - In view.
 - d. Compass card - Aircraft magnetic heading.
3. Total temperature indicator - Off-flap out of view.
4. Turbine inlet temperature indicator - Off-flag out of view.
5. Instrument test button - Depress and hold.

WSO depresses and holds button while AC checks for the following indications in steps 6 through 8.
6. Total temperature indicator check.
 - a. Indicator pointer moves toward maximum temperature limit, the off-flag comes into view.
 - b. Time remaining counter - Starts counting down.
 - c. Reduce speed warning lamp - Lighted.
7. Turbine inlet temperature indicator - Checked.

Pointer and digital readout should stop at 1,245 to 1,295 degrees C.
8. Instrument test button - Release and check the following:
 - a. Total temperature indicator check. Indicator pointer returns to ambient reading.
 - b. Reduce speed warning lamp - Out.
 - c. Total temperature caution lamp - Lighted.

CADC TEST

1. DATA ON.
2. Central air data computer/altitude vertical velocity indicator/airspeed Mach indicator check.
 - a. CADC caution lamp - Out.
 - b. Airspeed Mach indicator - Check.

- 1) Airspeed warning flag out of view.
- 2) Power off warning flag out of view.
- 3) Accelerometer 1.0 (± 0.2) "g".
- c. Altitude vertical velocity indicator - Check.
 - 1) Baro control knob - Set to 29.92.
 - 2) Altitude warning flag out of view.
 - 3) Vertical velocity indicator 0 (± 100) fpm.
- d. Flight control master test button - Depress and hold.
- e. Central air data computer test switch - Hold to HIGH and check:
 - 1) Altitude velocity - 40,000 fpm increase while slewing, then stabilized at 0 (± 100) fpm.
 - 2) Altitude - 60,000 (± 130) feet.
 - 3) Altitude warning flag in view.
 - 4) Indicated airspeed - 493 (± 12) knots.
 - 5) Mach - 2.30 (± 0.05).
 - 6) Angle of attack - 10.0 (± 0.75) degrees.
 - 7) Airspeed warning flag in view.
 - 8) Angle of attack indexers (2) - Center lamp lighted. Low lamp may light.
 - 9) CADS caution lamp - Lighted.
- f. Central air data computer test switch and flight control master test button - Release and check:
 - 1) CADS caution lamp - Lighted until altitude stabilizer, then out.
 - 2) Altitude vertical velocity indicator - Check:
 - 3) Vertical velocity - 40,000-fpm decrease, then stabilized at 0 (± 100) fpm.
 - 4) Altitude warning flap out of view.
 - 5) Airspeed Mach indicator - Check:
 - 6) Airspeed warning flag out of view.
 - 7) Power-off warning flag out of view.

5. DATA OFF.

WEAPONS BAY DOOR TEST

1. Weapons bay door switch - NORM.
2. Close; time cycle.
3. Open; time cycle.
4. Weapons bay door switch - AUX.
5. Close; time cycle.
6. Open; time cycle.

TRIM CHECK

With the control switch in T.O. & LAND or the slats extended, the horizontal stabilizer and rudder position tolerance is (+2) degrees, unless otherwise specified.

1. Pitch and roll autopilot/damper and yaw damper switches - OFF.

Place the pitch and roll autopilot/damper and yaw damper switches to OFF and check that the pitch, roll and yaw damper caution lamps light.

2. Takeoff trim - Set.

3. Rudder authority switch - AUTO.

4. Flight controls - Check for freedom of movement.

- a. Ten degrees nose down, 25 degrees nose up symmetrical horizontal stabilizer deflection.
- b. Sixteen degrees (+4 degrees) maximum differential horizontal stabilizer deflection.
- c. Greater than 25 degrees of rudder.

5. Series trim - Check:

- a. Auxiliary pitch trim switch - NOSE DN.

Check that the horizontal stabilizers move trailing edge down 4 degrees.

- b. Auxiliary pitch trim switch - NOSE UP.

Check that the horizontal stabilizers move trailing edge up 10 degrees.

- c. Auxiliary pitch trim switch - STICK.

- d. Pitch and roll autopilot/damper and yaw damper switches - DAMPER.

- e. Damper reset button - Momentarily depressed (if required).

- f. Cycle the control stick full forward, full aft, left wing down, right wing down, then return to neutral and check that the pitch and roll damper and channel caution lamps do not light.

6. Rudder trim - Check.

- a. Rudder trim switch - Hold L.

Check that the rudder moves trailing edge left 10 degrees.

- b. Rudder trim switch - Hold R.

Check that the rudder moves trailing edge right 10 degrees.

- c. Takeoff trim - Set.

7. Parallel trim - Check:

- a. Trim button - NOSE DN.

Hold trim button to NOSE DN until the stick stops. Horizontal stabilizer 8 (+4) degrees trailing edge down.

- b. Trim button - NOSE UP.
Hold trim button to NOSE UP until stick stops at a noseup position. Check that horizontal stabilizer moves trailing edge up 18 (+4) degrees.
- c. Takeoff trim - Set.
- d. Trim button -LWD.
Hold trim button in LWD position until surfaces move to full left wing down trim position. Check that the differential horizontal stabilizer deflection is 12 degrees.
- e. Trim button - RWD.
Hold trim button in RWD position until surfaces move to full right wing down trim position. Check that the differential stabilizer deflection is approximately 12 degrees. The surfaces may not begin "driving" immediately after the trim button is actuated.
- f. Control system switch - NORM.
- g. Slats - Retracted.
- h. Rudder authority - Checked. Approximately 11 degrees left or right.
- 8. Series trim - Check.
 - a. Takeoff trim - Set. Then trim nose down for one second.
 - b. Check horizontal stabilizers continue to drive trailing edge down at a reduced rate.
- 9. Surface motion test - Complete.
 - a. Stability augmentation test switch - SURFACE MOTION and hold.
 - b. Flight control master test button - Depress and hold. With the master test button depressed, check the following:
 - 1) Rudder moves to right, then to the left.
 - 2) Left horizontal stabilizer trailing edge moves slightly down.
 - 3) Right horizontal stabilizer moves trailing edge further down.
 - 4) Control system caution lamps do not light.
- 10. Surface motion and light test - Complete.
 - a. Stability augmentation test switch - SURFACE MOTION & LIGHTS and hold.
 - b. Flight control master test button - Depress and hold. With the master test button depressed, check the following:
 - 1) Rudder initially drives right, then returns to neutral.
 - 2) Left horizontal stabilizer trailing edge moves slightly down.
 - 3) Right horizontal stabilizer moves trailing edge further down.
 - 4) Check pitch, roll, and yaw damper, channel caution lamps, and that pitch and roll gain changer lamps light (8).

NOTE

If all the lamps do not light, cycle the control system switch to T.O.& LAND, and return to NORM, then repeat steps 7b and 8a.

- c. Flight control master test button and stability augmentation test switch - Release.
- d. Damper reset button - Depress momentarily.

All caution lamps (8) - Out. Repeat preceding step if necessary.

AUTOPILOT CHECK

- 1. Autopilot - Checked.
 - a. Pitch and roll autopilot/damper switches - AUTO PILOT.
 - b. Control stick steering - Checked.

Move control stick and check that reference-not-engaged caution lamp lights for pitch and roll. Lamp will go out when stick is returned to neutral.
 - c. Altitude hold and constant track switches - Engaged.

Reference-not-engaged caution lamp lights.
 - d. Reference engage button - Depressed.

Reference-not-engaged caution lamp goes out.
 - e. Move stick, then release.

Reference-not-engaged caution lamp lights.
 - f. Mach hold and heading nav switches - Engaged.

Reference-not-engaged caution lamp - Lights.
 - g. Reference engage button - Depressed.

Reference-not-engaged caution lamp goes out.
 - h. Autopilot release lever - Depressed.

Check that the roll and pitch autopilot/damper switches go to DAMPER and that the altitude/Mach hold and constant track/heading nav selector switches go to OFF.

ELECTRICAL CHECK

- 1. RH generator control switch - OFF - RESET.
- 2. RH generator control switch - START and hold, then - RUN. Check for flight control transients.
- 3. LH generator control switch - OFF - RESET.
- 4. LH generator control switch - START and hold, then RUN. Check for flight control transients.

5. Emergency generator control switch - TEST check for emergency generator indicator lamp lighting.
6. Depress malfunction and indicator lamp test button. Check for essential DC converter caution lamps.

OIL QUANTITY AND BRAKE CHECK

1. Push oil quantity indicator test button.
2. Check that indicator is driven to the test quantity.
3. Depress brake pedal 10 times and observe piston travel.

LANDING GEAR TEST

1. DATA ON.
2. Landing gear handle - RETRACT; time retraction and check horn.
3. LH speedbrake switch - OUT; time extension.
4. LH speedbrake switch - IN; time retraction.
5. RH speedbrake switch - OUT.
6. RH speedbrake switch - IN.
7. Landing gear handle - EXTEND; time extension.

AVIONICS CHECK (performed when appropriate)

1. Computers ON.
2. Multi-sensor display mode selector knob - STBY.
3. Horizontal situation display intensity knob - On and adjusted.
3. Heads up display - Set. Power/intensity control knob - On and adjusted.
5. Multi-sensor display radar function selection - STBY.
6. L-R TFR mode switch to STBY.
7. VSD function selector - STBY.
8. Avionics self-test check - Accomplish.
 - a. Attack radar system test - Check.
 - 1) Display mode selector knob - ATK RDR.
 - 2) Radar function selector knob - TEST.
 - 3) Radar mode selector knob - GMM.
 - 4) Test mode knob - RDR.
 - 5) Test control switch - TEST.
 - 6) Test on lamp - Lighted then off.
 - 7) Test ON lamp remains lighted until test is automatically completed (approximately 25 seconds).
 - b. Multi-sensor display test - Check.
 - 1) Test mode knob - MSD.

2) Test control switch - TEST.

3) Test ON lamp - Lighted.

Test ON lamp remains lighted until test is manually completed. May require 20 seconds for the test pattern to appear.

4) Checkerboard (6x6) test pattern - Verify.

Pattern will remain displayed until test is manually completed.

5) Test control switch - RESET.

c. Horizontal situation display test - Check.

1) Heading north switch - NORTH.

2) Chart data switch - CHART.

3) Slew switch - Depressed in.

4) Test mode knob - HSD.

5) Test control switch - TEST.

6) Test ON lamp - Lighted.

Test ON lamp remains lighted until test is manually completed.

7) Observe that the appropriate test patterns appear in the following sequence.

a) First example - Displayed for approximately 8 seconds, then off.

b) Second example - Displayed for approximately 8 seconds, then off.

c) Third example - Displayed until test is completed.

NOTE

Video symbols will appear on the first two patterns, but will not appear in the proper position until the third example is displayed.

8) Test control switch - RESET. Test ON lamp goes out.

9) Check data frames - Depress index button.

d. Vertical situation display test - Check.

1) Mode function selector knob - VSD.

2) Test mode switch - VSD.

3) Test control switch - TEST.

4) Test ON lamp - Lighted.

Test ON lamp remains lighted until test is manually completed.

- 5) Checkerboard (6x6) test pattern - Verify.
Pattern will remain until test is manually completed. May require 20 seconds for the test pattern to appear.
- 6) Test control switch - RESET.
- 7) Test lamp goes out.
- e. Heads up displays (2) test - Check.
 - 1) Test mode knob - HUD.
 - 2) Test control switch - TEST.
 - 3) Test ON lamp - Lighted.
Test ON lamp remains lighted until test is manually completed.
 - 4) Heads up displays (2) - Observe test patterns.
Roll - +30 degrees (right wing down).
Breakaway - Steady.
 - 5) Display mode selector knob (multi-sensor display) - VSD and observe the following test patterns appear on the multi-sensor display and vertical situation display.
Heading - 45 degrees
Roll - +30 degrees
Pitch - 20 degrees
Breakaway - Steady.
 - 6) Test control switch - RESET.
- f. Doppler self-test - Check.
 - 1) Doppler power switch - DPLR TRANS.
 - 2) Test mode knob - DOPP.
 - 3) Test control switch - TEST.
 - 4) Test ON lamp - Lighted for 70 seconds.
Test ON lamp remains lighted until test is automatically completed.
 - 5) Test control switch - RESET.
 - 6) Doppler power switch - OFF (until required).

TEST SYNOPSIS AND DATA

RUN 70-6 (70 DEGREES F), 12 MARCH 1972

Synopsis

This was the initial test of the desert/tropic phase and the results were intended to be used as a baseline comparison to the other tests in this series. The temperature was 70 degrees F with about 50-percent relative humidity. A normal engine start was made on the right-hand engine, and crossbleed to the left-hand engine failed initially due to bleed air check valve problems. They were corrected and an uneventful test followed.

Inoperative Parameters

(Program time constraints prohibited rerun of this test; thus, due to a commutator malfunction, part of the data of the parameters identified below is unavailable.)

AF-05 (functions, but is not linear)	AF-28*
AF-06*	AF-31*
AF-07*	AF-32*
AF-08*	AF-33*
AF-09*	AF-34*
AF-15*	AF-35*
AF-17*	AF-37*
AF-20*	AF-38*
AF-22	AF-39
AF-26*	AF-40
AF-27*	AF-41*
AF-42*	EC-112*
AF-76*	EC-113*
EC-02	EC-114*
EC-06*	PR-06
EC-10*	PR-13*
EC-20*	PR-14*
EC-21*	PR-15*
EC-28**	PR-16*
EC-29*	PR-17*
EC-32*	PR-20*
EC-35*	PR-25
EC-87	PR-26*

*Intermittent.

**Sign reversed.

Crossed feedback pressure lines to the 4-3 hot air control-stabilizer existed during these tests.

TEST SUMMARY AND DATA

EC-91
EC-94*
EC-96*
EC-99
EC-100
EC-101
EC-102*
EC-103*
EC-104*
EC-105*
EC-110*
EC-111*
SP-13*
SP-14*

PR-27A*
PR-27B*
PR-29*
PR-30*
SP-01*
SP-03*
SP-05*
SP-07*
SP-09*
SP-10*
SP-11*
SP-12*

Data Events (hr/min/sec)

Data On	Data Off	Event
161903	162357	Start RH engine.
163834	164034	Start LH engine on crossbleed and retard both to IDLE.
164633	170000	Military power run; decel to 85 percent; ECS test; decel to idle; wing sweeps, flap/slat checks.
174523	174639	CADC test.
174737	174757	Idle data (test miscue).
175833	175938	Landing gear retraction; speed brake check.
180639	180830	Engine shutdown.
182033	182300	Postflight checks.

3 COMPUTER

TIME H/M/S	AF 1A INIT LANDING GEAR UP	AF 1B INIT LANDING GEAR DN	AF 2A POSITN MAIN LANDING GEAR UP	AF 2B POSITN MAIN LANDING GEAR DN	AF 3A POSITN NOSE LANDING GEAR UP	AF 3B POSITN NOSE LANDING GEAR DN	PR 03 TEMP TURBINE INLET 175L/H ENGINE	CS 01 AIRSPC (TRUE)	CS 32 ARM NUMBER	CS 04 MEASNO ARCFT	AN 03 EVENI CAMERA SWITCH	IN 04 INT ENG START L/R	EL 04 KATE ALT PRESS
16 19 3	0	1	0	1	0	1	9.5	35.57	.1240	304.20	0	0	LOW
16 19 6	0	1	0	1	0	1	3.2	63.56	.1253	314.57	0	0	LOW
16 19 13	0	1	0	1	0	1	3.2	20.12	.1253	304.80	0	0	LOW
16 19 13	0	1	0	1	0	1	3.2	10.06	.1253	305.50	0	0	737.50
16 19 20	0	1	0	1	0	1	1.9	10.06	.1253	305.50	0	0	0
16 19 28	0	1	0	1	0	1	2.3	6.34	.1253	307.53	0	0	0
16 19 33	0	1	0	1	0	1	3.9	11.74	.1253	309.20	0	0	394
16 19 33	0	1	0	1	0	1	3.2	5.47	.1253	309.20	0	0	0
16 19 34	0	1	0	1	0	1	16.3	LOW	.1253	309.20	0	0	0
16 19 43	0	1	0	1	0	1	3.7	LOW	.1253	309.20	0	0	0
16 19 48	0	1	0	1	0	1	2.6	LOW	.1253	309.20	0	0	0
16 19 53	0	1	0	1	0	1	3.5	LOW	.1253	309.20	0	0	0
16 19 58	0	1	0	1	0	1	2.9	11.56	.1253	309.20	0	0	0
16 20 4	0	1	0	1	0	1	2.5	6.71	.1253	309.20	0	0	0
16 20 9	0	1	0	1	0	1	2.5	6.71	.1253	309.20	0	0	0
16 21 26	0	1	0	1	0	1	3.1	16.06	.1253	309.20	0	0	0
16 21 31	0	1	0	1	0	1	7.7	LOW	.1253	309.20	0	0	0
16 21 36	0	1	0	1	0	1	9.0	LOW	.1253	309.20	0	0	0
16 21 41	0	1	0	1	0	1	7.7	LOW	.1253	309.20	0	0	0
16 21 46	0	1	0	1	0	1	3.6	LOW	.1253	309.20	0	0	0
16 21 51	0	1	0	1	0	1	3.9	LOW	.1253	309.20	0	0	0
16 21 56	0	1	0	1	0	1	3.2	LOW	.1253	309.20	0	0	0
16 22 1	0	1	0	1	0	1	3.0	LOW	.1253	309.20	0	0	0
16 22 6	0	1	0	1	0	1	3.0	LOW	.1253	309.20	0	0	0
16 22 11	0	1	0	1	0	1	1.3	LOW	.1253	309.20	0	0	0
16 22 16	0	1	0	1	0	1	9.0	LOW	.1253	309.20	0	0	0
16 22 21	0	1	0	1	0	1	9.4	LOW	.1253	309.20	0	0	0
16 22 34	0	1	0	1	0	1	7.7	LOW	.1253	309.20	0	0	0
16 22 39	0	1	0	1	0	1	6.4	LOW	.1253	309.20	0	0	0
16 22 46	0	1	0	1	0	1	3.2	LOW	.1253	309.20	0	0	0
16 22 56	0	1	0	1	0	1	3.2	LOW	.1253	309.20	0	0	0
16 23 1	0	1	0	1	0	1	3.9	LOW	.1253	309.20	0	0	0
16 23 6	0	1	0	1	0	1	3.9	LOW	.1253	309.20	0	0	0
16 23 11	0	1	0	1	0	1	3.9	LOW	.1253	309.20	0	0	0
16 23 16	0	1	0	1	0	1	3.9	LOW	.1253	309.20	0	0	0
16 23 21	0	1	0	1	0	1	3.9	LOW	.1253	309.20	0	0	0
16 23 26	0	1	0	1	0	1	3.9	LOW	.1253	309.20	0	0	0
16 23 31	0	1	0	1	0	1	3.9	LOW	.1253	309.20	0	0	0
16 23 36	0	1	0	1	0	1	3.9	LOW	.1253	309.20	0	0	0
16 23 41	0	1	0	1	0	1	3.9	LOW	.1253	309.20	0	0	0
16 23 46	0	1	0	1	0	1	3.9	LOW	.1253	309.20	0	0	0
16 23 51	0	1	0	1	0	1	3.9	LOW	.1253	309.20	0	0	0
16 23 56	0	1	0	1	0	1	3.9	LOW	.1253	309.20	0	0	0
16 24 1	0	1	0	1	0	1	3.9	LOW	.1253	309.20	0	0	0
16 24 6	0	1	0	1	0	1	3.9	LOW	.1253	309.20	0	0	0
16 24 11	0	1	0	1	0	1	3.9	LOW	.1253	309.20	0	0	0
16 24 16	0	1	0	1	0	1	3.9	LOW	.1253	309.20	0	0	0
16 24 21	0	1	0	1	0	1	3.9	LOW	.1253	309.20	0	0	0
16 24 26	0	1	0	1	0	1	3.9	LOW	.1253	309.20	0	0	0
16 24 31	0	1	0	1	0	1	3.9	LOW	.1253	309.20	0	0	0
16 24 36	0	1	0	1	0	1	3.9	LOW	.1253	309.20	0	0	0
16 24 41	0	1	0	1	0	1	3.9	LOW	.1253	309.20	0	0	0
16 24 46	0	1	0	1	0	1	3.9	LOW	.1253	309.20	0	0	0
16 24 51	0	1	0	1	0	1	3.9	LOW	.1253	309.20	0	0	0
16 24 56	0	1	0	1	0	1	3.9	LOW	.1253	309.20	0	0	0
16 25 1	0	1	0	1	0	1	3.9	LOW	.1253	309.20	0	0	0
16 25 6	0	1	0	1	0	1	3.9	LOW	.1253	309.20	0	0	0
16 25 11	0	1	0	1	0	1	3.9	LOW	.1253	309.20	0	0	0
16 25 16	0	1	0	1	0	1	3.9	LOW	.1253	309.20	0	0	0
16 25 21	0	1	0	1	0	1	3.9	LOW	.1253	309.20	0	0	0
16 25 26	0	1	0	1	0	1	3.9	LOW	.1253	309.20	0	0	0
16 25 31	0	1	0	1	0	1	3.9	LOW	.1253	309.20	0	0	0
16 25 36	0	1	0	1	0	1	3.9	LOW	.1253	309.20	0	0	0
16 25 41	0	1	0	1	0	1	3.9	LOW	.1253	309.20	0	0	0
16 25 46	0	1	0	1	0	1	3.9	LOW	.1253	309.20	0	0	0
16 25 51	0	1	0	1	0	1	3.9	LOW	.1253	309.20	0	0	0
16 25 56	0	1	0	1	0	1	3.9	LOW	.1253	309.20	0	0	0
16 26 1	0	1	0	1	0	1	3.9	LOW	.1253	309.20	0	0	0
16 26 6	0	1	0	1	0	1	3.9	LOW	.1253	309.20	0	0	0
16 26 11	0	1	0	1	0	1	3.9	LOW	.1253	309.20	0	0	0
16 26 16	0	1	0	1	0	1	3.9	LOW	.1253	309.20	0	0	0
16 26 21	0	1	0	1	0	1	3.9	LOW	.1253	309.20	0	0	0
16 26 26	0	1	0	1	0	1	3.9	LOW	.1253	309.20	0	0	0
16 26 31	0	1	0	1	0	1	3.9	LOW	.1253	309.20	0	0	0
16 26 36	0	1	0	1	0	1	3.9	LOW	.1253	309.20	0	0	0
16 26 41	0	1	0	1	0	1	3.9	LOW	.1253	309.20	0	0	0
16 26 46	0	1	0	1	0	1	3.9	LOW	.1253	309.20	0	0	0
16 26 51	0	1	0	1	0	1	3.9	LOW	.1253	309.20	0	0	0
16 26 56	0	1	0	1	0	1	3.9	LOW	.1253	309.20	0	0	0
16 27 1	0	1	0	1	0	1	3.9	LOW	.1253	309.20	0	0	0
16 27 6	0	1	0	1	0	1	3.9	LOW	.1253	309.20	0	0	0
16 27 11	0	1	0	1	0	1	3.9	LOW	.1253	309.20	0	0	0
16 27 16	0	1	0	1	0	1	3.9	LOW	.1253	309.20	0	0	0
16 27 21	0	1	0	1	0	1	3.9	LOW	.1253	309.20	0	0	0
16 27 26	0	1	0	1	0	1	3.9	LOW	.1253	309.20	0	0	0
16 27 31	0	1	0	1	0	1	3.9	LOW	.1253	309.20	0	0	0
16 27 36	0	1	0	1	0	1	3.9	LOW	.1253	309.20	0	0	0
16 27 41	0	1	0	1	0	1	3.9	LOW	.1253	309.20	0	0	0
16 27 46	0	1	0	1	0	1	3.9	LOW	.1253	309.20	0	0	0
16 27 51	0	1	0	1	0	1	3.9	LOW	.1253	309.20	0	0	0
16 27 56	0	1	0	1	0	1	3.9	LOW	.1253	309.20	0	0	0
16 28 1	0	1	0	1	0	1	3.9	LOW	.1253	309.20	0	0	0
16 28 6	0	1	0	1	0	1	3.9	LOW	.1253	309.20	0	0	0
16 28 11	0	1	0	1	0	1	3.9	LOW	.1253	309.20	0	0	0
16 28 16	0	1	0	1	0	1	3.9	LOW	.1253	309.20	0	0	0
16 28 21	0	1	0	1	0	1	3.9	LOW	.1253	309.20	0	0	0
16 28 26	0	1	0	1	0	1	3.9	LOW	.1253	309.20	0	0	0
16 28 31	0	1	0	1	0	1	3.9	LOW	.1253	309.20	0	0	0
16 28 36	0	1	0	1	0	1	3.9	LOW	.1253	309.20	0	0	0
16 28 41	0	1	0	1	0	1	3.9	LOW	.1253	309.20	0	0	0
16 28 46	0	1	0	1	0	1	3.9	LOW	.1253	309.20	0	0	0
16 28 51	0	1	0	1	0	1	3.9	LOW	.1253	309.20	0	0	0
16 28 56	0	1	0	1	0	1	3.9	LOW	.1253	309.20	0	0	0
16 29 1	0	1	0	1	0	1	3.9	LOW	.1253	309.20	0	0	0
16 29 6	0	1	0	1	0	1	3.9	LOW	.1253	309.20	0	0	0
16 29 11	0	1	0	1	0	1	3.9	LOW	.1253	309.20	0	0	0
16 29 16	0	1	0	1	0	1	3.9	LOW	.1253	309.20	0	0	0
16 29 21	0	1	0	1	0	1	3.9	LOW	.1253	309.20	0	0	0
16 29 26	0	1	0	1	0	1	3.9	LOW	.1253	309.20	0	0	0
16 29 31	0	1	0	1	0	1	3.9	LOW	.1253	309.20	0	0	0
16 29 36	0	1	0	1	0	1	3.9	LOW	.1253	309.20	0	0	0
16 29 41	0	1	0	1	0	1	3.9	LOW	.1253</				

TIME H/M/S	AF 14 INIT LANDING GEAR UP	AF 1B INIT LANDING GEAR DN	AF 2A POSITN MAIN LANDING GR UP	AF 2B POSITN MAIN LANDING GR ON	AF 3A POSITN NOSE LANDING GR JP	AF 3B POSITN NOSE LANDING GEAR DN	PR 13 TEMP TURBIN INLET ITS/H ENGINE	CS 01 AIRSPD (TRUE)	CS 02 MACH NUMBER	CS 04 HEADING ARCFT	IN 03 EVENT MARKER CAMERA SWITCH	IN 04 INT ENG START L+R	EC 02 KATE ALT PRESS
16 33 34	0	1	0	1	0	1	6.7	LOW	.1422	318.56	0	0	40
16 38 39	0	1	0	1	0	1	1.9	3.35	.0316	325.74	0	1	-311
16 33 44	0	1	0	1	0	1	3.2	5.03	.0734	326.83	0	1	-272
16 38 49	0	1	0	1	0	1	9.7	1.66	.0537	326.68	0	1	-932
16 38 54	0	1	0	1	0	1	11.3	.0000.00	.0699	325.59	0	1	-971
16 33 59	0	1	0	1	0	1	207.1	0.00	.1213	326.68	0	1	-854
16 33 4	0	1	0	1	0	1	389.7	.0000.00	.0810	324.97	0	1	-635
16 33 9	0	1	0	1	0	1	533.2	.0000.00	LOW	324.81	0	1	79
16 33 14	0	1	0	1	0	1	473.1	11.74	.0949	326.06	0	1	39
16 33 19	0	1	0	1	0	1	464.4	8.36	.0680	326.62	0	0	-466
16 33 24	0	1	0	1	0	1	473.1	0.00	.0237	327.30	0	0	-388
16 33 29	0	1	0	1	0	1	482.3	.84	.0554	327.92	0	0	-777
16 33 34	0	1	0	1	0	1	489.0	LOW	.0923	326.52	0	0	-738
16 33 39	0	1	0	1	0	1	487.2	LOW	.0531	324.19	0	0	-505
16 79 44	0	1	0	1	0	1	490.3	LOW	.0712	324.03	0	0	-311
16 33 54	0	1	0	1	0	1	489.0	LOW	.0435	324.97	0	0	-134
16 33 59	0	1	0	1	0	1	492.1	8.36	.0150	327.61	0	0	-466
16 40 4	0	1	0	1	0	1	505.8	4.19	.0948	331.97	0	0	-583
16 40 9	0	1	0	1	0	1	504.4	LOW	.0923	325.43	0	0	-699
16 40 14	0	1	0	1	0	1	507.4	LOW	.0973	324.50	0	0	-893
16 40 19	0	1	0	1	0	1	503.0	LOW	.0554	325.12	0	0	-777
16 40 24	0	1	0	1	0	1	498.4	5.03	.0501	324.65	0	0	-545
16 40 29	0	1	0	1	0	1	499.5	6.71	.0527	325.43	0	0	-78
16 40 34	0	1	0	1	0	1	1072.5	LOW	.0507	326.21	0	0	-535
16 40 39	0	1	0	1	0	1	1067.6	.0000.00	.0507	322.01	0	0	-621
16 40 44	0	1	0	1	0	1	1071.3	5.03	.0705	323.10	0	0	-311
16 40 49	0	1	0	1	0	1	1083.5	4.19	.0639	326.68	0	0	-777
16 46 53	0	1	0	1	0	1	1081.1	0.00	.0738	326.37	0	0	-854
16 46 58	0	1	0	1	0	1	1083.5	1.68	.0639	325.74	0	0	-899
16 47 3	0	1	0	1	0	1	1083.5	LOW	.0559	324.19	0	0	-854
16 47 8	0	1	0	1	0	1	1083.5	LOW	.0637	324.50	0	0	-836
16 47 13	0	1	0	1	0	1	1018.6	LOW	.0449	321.70	0	0	-235
16 47 18	0	1	0	1	0	1	980.6	.0000.00	.0422	323.25	0	0	-233
16 47 23	0	1	0	1	0	1	854.3	LOW	.0359	323.25	0	0	-311
16 47 28	0	1	0	1	0	1	771.0	.0000.00	.0449	323.72	0	0	-155
16 47 33	0	1	0	1	0	1	748.3	5.03	.0818	326.63	0	0	-621
16 47 38	0	1	0	1	0	1	713.4	2.51	.0918	325.90	0	0	-608
16 47 43	0	1	0	1	0	1	702.3	LOW	.0527	321.70	0	0	-739
16 47 48	0	1	0	1	0	1	690.1	.0000.00	.0673	323.88	0	0	-777
16 47 53	0	1	0	1	0	1	664.2	LOW	.0880	324.19	0	0	-740
16 47 58	0	1	0	1	0	1	677.8	LOW	.0607	325.24	0	0	-233
16 48 3	0	1	0	1	0	1	674.1	.0000.00	.0109	324.19	0	0	-233
16 48 8	0	1	0	1	0	1	682.7	LOW	.0422	324.19	0	0	-308
16 48 14	0	1	0	1	0	1	678.8	LOW	.0319	325.12	0	0	-311
16 48 19	0	1	0	1	0	1	669.2	.0000.00	.0435	325.24	0	0	-621
16 48 24	0	1	0	1	0	1	663.8	5.03	.0871	322.63	0	0	-639
16 48 29	0	1	0	1	0	1			.0936	324.65	0	0	

TIME H/M/S	AF 1A INIT LANDING GEAR UP	AF 15 INIT LANDING GEAR DN	AF 2A POSITN MAIN LANDING GR UP	AF 2B POSITN MAIN LANDING GR DN	AF 3A POSITN NOSE LANDING GR JP	AF 3B POSITN NOSE LANDING GEAR OWN	FR 03 TEMP TURBINE INLET ITS/LM ENGINE	CS 01 AIRSPD (TRUE)	CS 02 MACH NUMBER	CS 04 HEADING ACRFT	IN 03 EVLNT MARKER CAMERA SWITCH	IN 04 INT ENG START LCK	EC L2 RATE ALT PRESS
16 52 45	0.	1.	0.	1.	0.	1.	671.7	LOW	.0735	324.97	0.	0.	-777.
16 52 45	0.	1.	0.	1.	0.	1.	671.7	LOW	.0527	322.43	0.	0.	-544.
16 52 50	0.	1.	0.	1.	0.	1.	668.6	LOW	.0355	323.10	0.	0.	-386.
16 52 55	0.	1.	0.	1.	0.	1.	660.6	0.00	.0277	324.34	0.	0.	-308.
16 53 0	0.	1.	0.	1.	0.	1.	662.5	*0000.00	.0355	325.43	0.	0.	-311.
16 53 13	0.	1.	0.	1.	0.	1.	661.9	3.35	.0404	325.59	0.	0.	-272.
16 53 13	0.	1.	0.	1.	0.	1.	662.5	4.19	.0733	323.25	0.	0.	-639.
16 53 16	0.	1.	0.	1.	0.	1.	663.2	3.35	.0655	324.51	0.	0.	-544.
16 53 21	0.	1.	0.	1.	0.	1.	665.0	5.03	.0844	326.99	0.	0.	-777.
16 53 21	0.	1.	0.	1.	0.	1.	665.5	3.35	.0877	326.83	0.	0.	-777.
16 53 26	0.	1.	0.	1.	0.	1.	668.0	*0000.00	.0633	324.19	0.	0.	-621.
16 53 31	0.	1.	0.	1.	0.	1.	674.1	LOW	.0435	324.19	0.	0.	-466.
16 53 36	0.	1.	0.	1.	0.	1.	672.3	LOW	.0333	323.56	0.	0.	-544.
16 53 41	0.	1.	0.	1.	0.	1.	672.9	LOW	.0439	323.72	0.	0.	-466.
16 53 46	0.	1.	0.	1.	0.	1.	671.1	LOW	.0343	324.81	0.	0.	-155.
16 53 51	0.	1.	0.	1.	0.	1.	663.1	1.52	.0507	325.43	0.	0.	-233.
16 54 1	0.	1.	0.	1.	0.	1.	663.7	3.35	.0670	326.09	0.	0.	-621.
16 54 6	0.	1.	0.	1.	0.	1.	665.8	5.03	.0633	326.06	0.	0.	-427.
16 54 11	0.	1.	0.	1.	0.	1.	665.5	5.03	.0712	327.61	0.	0.	-621.
16 54 16	0.	1.	0.	1.	0.	1.	666.4	5.03	.0635	327.15	0.	0.	-695.
16 54 21	0.	1.	0.	1.	0.	1.	667.4	3.35	.0335	325.74	0.	0.	-854.
16 54 26	0.	1.	0.	1.	0.	1.	671.7	LOW	.0475	324.97	0.	0.	-777.
16 54 31	0.	1.	0.	1.	0.	1.	672.9	LOW	.0527	323.56	0.	0.	-466.
16 54 36	0.	1.	0.	1.	0.	1.	671.7	LOW	.0593	324.19	0.	0.	-544.
16 54 41	0.	1.	0.	1.	0.	1.	654.5	LOW	.0396	323.25	0.	0.	-386.
16 54 46	0.	1.	0.	1.	0.	1.	605.5	LOW	.0475	323.56	0.	0.	-155.
16 54 51	0.	1.	0.	1.	0.	1.	578.5	LOW	.0527	324.81	0.	0.	-272.
16 54 56	0.	1.	0.	1.	0.	1.	519.7	3.35	.0584	324.97	0.	0.	-155.
16 55 1	0.	1.	0.	1.	0.	1.	519.7	5.03	.0335	324.19	0.	0.	-194.
16 55 6	0.	1.	0.	1.	0.	1.	517.2	0.00	.0350	325.28	0.	0.	-544.
16 55 9	0.	1.	0.	1.	0.	1.	504.9	.04	.0944	325.12	0.	0.	-738.
16 55 14	0.	1.	0.	1.	0.	1.	502.5	5.03	.0831	325.90	0.	0.	-1243.
16 55 19	0.	1.	0.	1.	0.	1.	500.6	4.19	.0791	324.19	0.	0.	-971.
16 56 24	0.	1.	0.	1.	0.	1.	519.7	LOW	.0600	323.88	0.	0.	-777.
16 56 29	0.	1.	0.	1.	0.	1.	513.1	0.00	.0791	323.74	0.	0.	-853.
16 56 34	0.	1.	0.	1.	0.	1.	511.7	*0000.00	.0752	324.57	0.	0.	-621.
16 56 39	0.	1.	0.	1.	0.	1.	511.1	LOW	.0501	323.94	0.	0.	-505.
16 56 44	0.	1.	0.	1.	0.	1.	509.9	LOW	.0435	323.76	0.	0.	-16.
16 56 49	0.	1.	0.	1.	0.	1.	493.9	0.00	.0422	323.25	0.	0.	-330.
16 56 54	0.	1.	0.	1.	0.	1.	503.7	*0000.00	.0403	323.56	0.	0.	-233.
16 56 59	0.	1.	0.	1.	0.	1.	507.4	LOW	.0237	324.65	0.	0.	-386.
16 57 4	0.	1.	0.	1.	0.	1.	503.7	*0000.00	.0333	324.65	0.	0.	-311.
16 57 9	0.	1.	0.	1.	0.	1.	501.3	0.38	.0637	326.06	0.	0.	-577.
16 57 14	0.	1.	0.	1.	0.	1.	503.1	5.03	.0725	323.50	0.	0.	-535.
16 57 19	0.	1.	0.	1.	0.	1.	501.3	5.03	.0584	325.25	0.	0.	-621.
16 57 24	0.	1.	0.	1.	0.	1.	501.3	4.19	.0752	326.06	0.	0.	-777.
16 57 30	0.	1.	0.	1.	0.	1.	503.1	0.00	.0923	325.74	0.	0.	-854.
16 57 35	0.	1.	0.	1.	0.	1.	509.6	*0000.00	.0705	325.74	0.	0.	-854.
16 57 40	0.	1.	0.	1.	0.	1.	508.6	*0000.00	.0705	325.74	0.	0.	-854.

TIME MM/SS	AF 1A INIT LANDING GEAR UP	AF 1B INIT LANDING GEAR DN	AF 2A POSITN MAIN LANDING GR UP	AF 2B POSITN MAIN LANDING GR DN	AF 3A POSITN NOSE LANDING GEAR UP	AF 3B POSITN NOSE LANDING GEAR DN	PR 13 TEMP TURBIN INLET ENGINE	CS 01 AIRSPD (KTUE)	CS 03 MACH NUMBER	CS 04 HEADING ARCFT	IN 03 EVENT MARKER CAMERA SWITCH	IN 04 ENG START L/R	EC 02 RATE ALT PRESS
16 57 45	0.	1.	0.	1.	0.	1.	500.6	LOW	0.422	323.88	0.	0.	-777.
16 57 50	0.	1.	0.	1.	0.	1.	508.0	LOW	0.530	324.19	0.	0.	-854.
16 57 55	0.	1.	0.	1.	0.	1.	509.9	LOW	0.580	322.94	0.	0.	-777.
16 58 0	0.	1.	0.	1.	0.	1.	506.2	LOW	0.422	322.94	0.	0.	-505.
16 58 5	0.	1.	0.	1.	0.	1.	493.8	1.58	0.527	323.88	0.	0.	-78.
16 58 10	0.	1.	0.	1.	0.	1.	498.2	3.35	0.000	324.65	0.	0.	-155.
16 58 15	0.	1.	0.	1.	0.	1.	500.1	LOW	0.211	324.19	0.	0.	-78.
16 58 20	0.	1.	0.	1.	0.	1.	493.8	0.000	0.475	325.12	0.	0.	-152.
16 58 25	0.	1.	0.	1.	0.	1.	501.3	5.03	0.731	327.30	0.	0.	-621.
16 58 30	0.	1.	0.	1.	0.	1.	503.1	2.51	0.731	325.74	0.	0.	-816.
16 58 35	0.	1.	0.	1.	0.	1.	505.0	LOW	0.336	322.94	0.	0.	-777.
16 58 40	0.	1.	0.	1.	0.	1.	506.2	0.000	0.680	324.65	0.	0.	-810.
16 58 45	0.	1.	0.	1.	0.	1.	493.9	LOW	0.813	324.61	0.	0.	-699.
16 58 50	0.	1.	0.	1.	0.	1.	500.7	LOW	0.659	324.50	0.	0.	-621.
16 59 0	0.	1.	0.	1.	0.	1.	500.1	LOW	0.422	324.63	0.	0.	-233.
16 59 5	0.	1.	0.	1.	0.	1.	503.7	LOW	0.448	323.25	0.	0.	-386.
16 59 10	0.	1.	0.	1.	0.	1.	496.4	18.44	0.359	324.19	0.	0.	-194.
16 59 15	0.	1.	0.	1.	0.	1.	495.2	11.74	0.607	327.30	0.	0.	-155.
16 59 20	0.	1.	0.	1.	0.	1.	505.0	0.00	0.712	326.06	0.	0.	-272.
16 59 25	0.	1.	0.	1.	0.	1.	502.5	2.51	0.844	325.74	0.	0.	-777.
16 59 30	0.	1.	0.	1.	0.	1.	507.4	0.00	0.712	325.43	0.	0.	-854.
16 59 35	0.	1.	0.	1.	0.	1.	511.1	0.00	0.738	324.65	0.	0.	-854.
16 59 40	0.	1.	0.	1.	0.	1.	508.6	LOW	0.531	324.19	0.	0.	-544.
16 59 45	0.	1.	0.	1.	0.	1.	505.6	LOW	0.475	325.28	0.	0.	-388.
16 59 50	0.	1.	0.	1.	0.	1.	504.9	LOW	0.501	324.19	0.	0.	-621.
16 59 55	0.	1.	0.	1.	0.	1.	500.6	LOW	0.448	323.41	0.	0.	-505.
17 0 0	0.	1.	0.	1.	0.	1.	502.3	443.74	0.495	326.59	0.	0.	40000.
17 0 23	0.	1.	0.	1.	0.	1.	508.7	571.31	0.638	326.21	0.	0.	40000.
17 0 28	0.	1.	0.	1.	0.	1.	502.5	798.10	0.333	325.43	0.	0.	46000.
17 0 33	0.	1.	0.	1.	0.	1.	503.1	854.66	1.093	326.37	0.	0.	40000.
17 0 44	0.	1.	0.	1.	0.	1.	503.7	1022.69	1.027	326.37	0.	0.	40000.
17 0 49	0.	1.	0.	1.	0.	1.	500.1	1085.07	1.523	325.59	0.	0.	40000.
17 0 54	0.	1.	0.	1.	0.	1.	495.4	1273.57	1.3513	326.37	0.	0.	40000.
17 0 59	0.	1.	0.	1.	0.	1.	495.4	1300.51	2.365	326.52	0.	0.	19800.
17 1 4	0.	1.	0.	1.	0.	1.	500.1	1330.46	2.1375	325.74	0.	0.	-388.
17 1 9	0.	1.	0.	1.	0.	1.	492.5	911.22	1.6823	325.59	0.	0.	*7.7856.
17 1 14	0.	1.	0.	1.	0.	1.	500.1	135.90	0.404	324.19	0.	0.	LOW
17 1 19	0.	1.	0.	1.	0.	1.	498.8	124.91	0.171	324.61	0.	0.	LOW
17 1 24	0.	1.	0.	1.	0.	1.	497.6	93.89	0.1213	324.61	0.	0.	LOW
17 1 29	0.	1.	0.	1.	0.	1.	490.2	79.64	0.117	325.28	0.	0.	LOW
17 1 34	0.	1.	0.	1.	0.	1.	490.1	53.65	0.1712	325.12	0.	0.	LOW
17 1 39	0.	1.	0.	1.	0.	1.	490.8	3000.00	0.725	325.59	0.	0.	LOW
17 1 42	0.	1.	0.	1.	0.	1.	508.6	LOW	0.686	325.74	0.	0.	-1010.
17 1 47	0.	1.	0.	1.	0.	1.	508.6	3000.00	0.1385	325.43	0.	0.	-654.
17 1 52	0.	1.	0.	1.	0.	1.	517.4	137.48	0.263	323.25	0.	0.	-932.
17 1 57	0.	1.	0.	1.	0.	1.	505.0	3000.00	0.1332	323.72	0.	0.	*73756.
17 1 57	0.	1.	0.	1.	0.	1.	505.2	LOW	0.358	323.88	0.	0.	-521.

TIME MM/SS	AF 1A INIT LANDING GEAR UP	AF 1B INIT LANDING GEAR DN	AF 2A POSIN MAIN LANDING GEAR UP	AF 2B POSIN MAIN LANDING GEAR DN	AF 3A POSIN VOSE LANDING GEAR JP	AF 3B POSIN NOSE LANDING GEAR DN	PR 33 TEMP TURBIN INLET TITSL/H ENGINE	CS 01 AIRSPD (TRUE)	CS 32 MACH NUMBER	CS 04 HEADING ARCFT	IN 33 EVENT CAMERA SWITCH	IN 04 INI ENG START L+R	EC 32 KATE ALI PRESS
17 50 33	1.	1.	0.	1.	0.	1.	505.1	LOW	.J633	325.12	0.	0.	-516.
17 50 38	1.	0.	0.	0.	1.	0.	505.0	LOW	.0870	325.12	0.	0.	-1010.
17 50 43	1.	0.	1.	0.	1.	0.	504.4	LOW	.0673	325.12	0.	0.	-1010.
17 50 48	1.	0.	1.	0.	1.	0.	493.9	LOW	.J791	321.70	0.	0.	-854.
17 50 53	1.	0.	1.	0.	1.	0.	497.0	LOW	.J633	321.63	0.	0.	-893.
17 50 58	1.	0.	1.	0.	1.	0.	497.6	0.00	.J818	325.74	0.	0.	-1010.
17 51 03	1.	0.	1.	0.	1.	0.	497.6	0.84	.J857	325.74	0.	0.	-971.
17 51 08	1.	0.	1.	0.	1.	0.	503.1	0.00	.J818	325.74	0.	0.	-1010.
17 51 13	1.	0.	1.	0.	1.	0.	499.0	0.00	.J857	325.74	0.	0.	-1007.
17 51 18	1.	0.	1.	0.	1.	0.	502.5	LOW	.J884	325.59	0.	0.	-1105.
17 51 23	1.	0.	1.	0.	1.	0.	495.2	0.00	.J699	325.43	0.	0.	-932.
17 51 28	1.	0.	1.	0.	1.	0.	495.2	3.35	.J844	325.43	0.	0.	-777.
17 51 33	1.	0.	1.	0.	1.	0.	495.2	3.35	.J725	325.74	0.	0.	-893.
17 51 38	1.	0.	1.	0.	1.	0.	497.6	1.66	.J653	325.74	0.	0.	-1010.
17 51 43	1.	0.	1.	0.	1.	0.	422.2	1.66	.J333	325.74	0.	0.	-616.
17 51 48	1.	0.	1.	0.	1.	0.	344.4	0.00	.J293	324.19	0.	0.	-544.
17 51 53	1.	0.	1.	0.	1.	0.	343.2	0.00	.J333	324.19	0.	0.	-699.
17 51 58	1.	0.	1.	0.	1.	0.	338.3	0.00	.J422	325.12	0.	0.	-466.
17 52 03	1.	0.	1.	0.	1.	0.	327.8	0.84	.J6251	324.03	0.	0.	-544.
17 52 08	1.	0.	1.	0.	1.	0.	332.1	LOW	LOW	323.86	0.	0.	-544.
17 52 13	1.	0.	1.	0.	1.	0.	332.7	0.00	LOW	324.19	0.	0.	-583.
17 52 18	1.	0.	1.	0.	1.	0.	326.0	LOW	LOW	325.43	0.	0.	-699.
17 52 23	1.	0.	1.	0.	1.	0.	326.8	0.00	LOW	325.91	0.	0.	-666.
17 52 28	1.	0.	1.	0.	1.	0.	321.1	0.00	.J527	324.19	0.	0.	-544.
17 52 33	1.	0.	1.	0.	1.	0.	319.3	0.00	.J316	324.03	0.	0.	-466.
17 52 38	1.	0.	1.	0.	1.	0.	313.7	LOW	LOW	324.03	0.	0.	-777.
17 52 43	1.	0.	1.	0.	1.	0.	313.7	0.00	.J316	324.03	0.	0.	-544.
17 52 48	1.	0.	1.	0.	1.	0.	313.7	0.00	.J316	324.03	0.	0.	-544.
17 52 53	1.	0.	1.	0.	1.	0.	313.7	0.00	.J316	324.03	0.	0.	-544.
17 52 58	1.	0.	1.	0.	1.	0.	313.7	0.00	.J316	324.03	0.	0.	-544.
17 53 03	1.	0.	1.	0.	1.	0.	313.7	0.00	.J316	324.03	0.	0.	-544.
17 53 08	1.	0.	1.	0.	1.	0.	313.7	0.00	.J316	324.03	0.	0.	-544.
17 53 13	1.	0.	1.	0.	1.	0.	313.7	0.00	.J316	324.03	0.	0.	-544.
17 53 18	1.	0.	1.	0.	1.	0.	313.7	0.00	.J316	324.03	0.	0.	-544.
17 53 23	1.	0.	1.	0.	1.	0.	313.7	0.00	.J316	324.03	0.	0.	-544.
17 53 28	1.	0.	1.	0.	1.	0.	313.7	0.00	.J316	324.03	0.	0.	-544.
17 53 33	1.	0.	1.	0.	1.	0.	313.7	0.00	.J316	324.03	0.	0.	-544.
17 53 38	1.	0.	1.	0.	1.	0.	313.7	0.00	.J316	324.03	0.	0.	-544.
17 53 43	1.	0.	1.	0.	1.	0.	313.7	0.00	.J316	324.03	0.	0.	-544.
17 53 48	1.	0.	1.	0.	1.	0.	313.7	0.00	.J316	324.03	0.	0.	-544.
17 53 53	1.	0.	1.	0.	1.	0.	313.7	0.00	.J316	324.03	0.	0.	-544.
17 53 58	1.	0.	1.	0.	1.	0.	313.7	0.00	.J316	324.03	0.	0.	-544.
17 54 03	1.	0.	1.	0.	1.	0.	313.7	0.00	.J316	324.03	0.	0.	-544.
17 54 08	1.	0.	1.	0.	1.	0.	313.7	0.00	.J316	324.03	0.	0.	-544.
17 54 13	1.	0.	1.	0.	1.	0.	313.7	0.00	.J316	324.03	0.	0.	-544.
17 54 18	1.	0.	1.	0.	1.	0.	313.7	0.00	.J316	324.03	0.	0.	-544.
17 54 23	1.	0.	1.	0.	1.	0.	313.7	0.00	.J316	324.03	0.	0.	-544.
17 54 28	1.	0.	1.	0.	1.	0.	313.7	0.00	.J316	324.03	0.	0.	-544.
17 54 33	1.	0.	1.	0.	1.	0.	313.7	0.00	.J316	324.03	0.	0.	-544.
17 54 38	1.	0.	1.	0.	1.	0.	313.7	0.00	.J316	324.03	0.	0.	-544.
17 54 43	1.	0.	1.	0.	1.	0.	313.7	0.00	.J316	324.03	0.	0.	-544.
17 54 48	1.	0.	1.	0.	1.	0.	313.7	0.00	.J316	324.03	0.	0.	-544.
17 54 53	1.	0.	1.	0.	1.	0.	313.7	0.00	.J316	324.03	0.	0.	-544.
17 54 58	1.	0.	1.	0.	1.	0.	313.7	0.00	.J316	324.03	0.	0.	-544.
17 55 03	1.	0.	1.	0.	1.	0.	313.7	0.00	.J316	324.03	0.	0.	-544.
17 55 08	1.	0.	1.	0.	1.	0.	313.7	0.00	.J316	324.03	0.	0.	-544.
17 55 13	1.	0.	1.	0.	1.	0.	313.7	0.00	.J316	324.03	0.	0.	-544.
17 55 18	1.	0.	1.	0.	1.	0.	313.7	0.00	.J316	324.03	0.	0.	-544.
17 55 23	1.	0.	1.	0.	1.	0.	313.7	0.00	.J316	324.03	0.	0.	-544.
17 55 28	1.	0.	1.	0.	1.	0.	313.7	0.00	.J316	324.03	0.	0.	-544.
17 55 33	1.	0.	1.	0.	1.	0.	313.7	0.00	.J316	324.03	0.	0.	-544.
17 55 38	1.	0.	1.	0.	1.	0.	313.7	0.00	.J316	324.03	0.	0.	-544.
17 55 43	1.	0.	1.	0.	1.	0.	313.7	0.00	.J316	324.03	0.	0.	-544.
17 55 48	1.	0.	1.	0.	1.	0.	313.7	0.00	.J316	324.03	0.	0.	-544.
17 55 53	1.	0.	1.	0.	1.	0.	313.7	0.00	.J316	324.03	0.	0.	-544.
17 55 58	1.	0.	1.	0.	1.	0.	313.7	0.00	.J316	324.03	0.	0.	-544.
17 56 03	1.	0.	1.	0.	1.	0.	313.7	0.00	.J316	324.03	0.	0.	-544.
17 56 08	1.	0.	1.	0.	1.	0.	313.7	0.00	.J316	324.03	0.	0.	-544.
17 56 13	1.	0.	1.	0.	1.	0.	313.7	0.00	.J316	324.03	0.	0.	-544.
17 56 18	1.	0.	1.	0.	1.	0.	313.7	0.00	.J316	324.03	0.	0.	-544.
17 56 23	1.	0.	1.	0.	1.	0.	313.7	0.00	.J316	324.03	0.	0.	-544.
17 56 28	1.	0.	1.	0.	1.	0.	313.7	0.00	.J316	324.03	0.	0.	-544.
17 56 33	1.	0.	1.	0.	1.	0.	313.7	0.00	.J316	324.03	0.	0.	-544.
17 56 38	1.	0.	1.	0.	1.	0.	313.7	0.00	.J316	324.03	0.	0.	-544.
17 56 43	1.	0.	1.	0.	1.	0.	313.7	0.00	.J316	324.03	0.	0.	-544.
17 56 48	1.	0.	1.	0.	1.	0.	313.7	0.00	.J316	324.03	0.	0.	-544.
17 56 53	1.	0.	1.	0.	1.	0.	313.7	0.00	.J316	324.03	0.	0.	-544.
17 56 58	1.	0.	1.	0.	1.	0.	313.7	0.00	.J316	324.03	0.	0.	-544.
17 57 03	1.	0.	1.	0.	1.	0.	313.7	0.00	.J316	324.03	0.	0.	-544.
17 57 08	1.	0.	1.	0.	1.	0.	313.7	0.00	.J316	324.03	0.	0.	-544.
17 57 13	1.	0.	1.	0.	1.	0.	313.7	0.00	.J316	324.03	0.	0.	-544.
17 57 18	1.	0.	1.	0.	1.	0.	313.7	0.00	.J316	324.03	0.	0.	-544.
17 57 23	1.	0.	1.	0.	1.	0.	313.7	0.00	.J316	324.03	0.	0.	-544.
17 57 28	1.	0.	1.	0.	1.	0.	313.7	0.00	.J316	324.03	0.	0.	-544.
17 57 33	1.	0.	1.	0.	1.	0.	313.7	0.00	.J316	324.03	0.	0.	-544.
17 57 38	1.	0.	1.	0.	1.	0.	313.7	0.00	.J316	324.03	0.	0.	-544.
17 57 43	1.	0.	1.	0.	1.	0.	313.7	0.00	.J316	324.03	0.	0.	-544.
17 57 48	1.	0.	1.	0.	1.	0.	313.7	0.00	.J316	324.03	0.	0.	-544.
17 57 53	1.	0.	1.	0.	1.	0.	313.7	0.00	.J316	324.03	0.	0.	-544.
17 57 58	1.	0.	1.	0.	1.	0.	313.7	0.00	.J316	324.03	0.	0.	-544.
17 58 03	1.	0.	1.	0.	1.	0.	313.7	0.00	.J316	324.03	0.	0.	-544.
17 58 08	1.	0.	1.	0.	1.	0.	313.7	0.00	.J316	324.03	0.	0.	-544.
17 58 13	1.	0.	1.	0.	1.	0.	313.7	0.00	.J316	324.03	0.	0.	-544.
17 58 18	1.	0.	1.	0.	1.	0.	313.7	0.00	.J316	324.03	0.	0.	-544.
17 58 23	1.	0.	1.	0.	1.	0.	313.7	0.00	.J316	324.03	0.	0.	-544.
17 58 28	1.	0.	1.	0.	1.	0.	313.7	0.00	.J316	324.03	0.	0.	-544.
17 58 33	1.	0.	1.	0.	1.	0.	313.7	0.00	.J316	324.03	0.	0.	-544.
17 58 38	1.	0.	1.	0.	1.	0.	313.7	0.00	.J316	324.03	0.	0.	-544.
17 58 43	1.	0.	1.	0.	1.	0.	313.7	0.00	.J316	324.03	0.	0.	-544.
17 58 48	1.	0.	1.	0.	1.	0.	313.7	0.00	.J316	324.03	0.	0.	-544.
17 58 53	1.	0.	1.	0.	1.	0.	313.7	0.00	.J316	324.03	0.	0.	-544.
17 58 58	1.	0.	1.	0.	1.	0.	313.7	0.00	.J316	324.03	0.	0.	-544.
17 59 03	1.	0.	1.	0.	1.	0.	313.7	0.00	.J316	324.03	0.	0.	-544.
17 59 08	1.	0.	1.	0.	1.	0.	313.7	0.00	.J316	324.03	0.	0.	-544.
17 59 13	1.	0.	1.	0.	1.	0.	313.7	0.00	.J316	324.03	0.	0.	-544.
17 59 18	1.	0.	1.	0.	1.	0.	313.7	0.00	.J316	324.03	0.	0.	

TIME H/M/S	AF 14 INIT LANUNG GEAR UP	AF 18 INIT LANUNG GEAR DN	AF 2A POSITN MAIN LANUNG GEAR UP	AF 2B POSITN MAIN LANUNG GEAR DN	AF 3A POSITN VOSE -ANONG GEAR JP	AF 3B POSITN NUSE LANUNG GEAR DN	PR 13 TEMP TURBIN INLET TTSL/H ENGINE	CS 01 AIRSPD (TRUE)	CS 02 MACH NUMBER	CS 04 HEADING AIRCFT	IN 03 EVENT MARKER CAMERA SWITCH	IN 04 INT ENG START L+R	EL 02 RATE ALT PRESS
18 21 55	0.	1.	0.	1.	0.	1.	112.7	5.03	.3135	342.87	0.	0.	-544.
18 22 00	0.	1.	0.	1.	0.	1.	109.6	2.51	.3119	343.03	0.	0.	-566.
18 22 05	0.	1.	0.	1.	0.	1.	109.0	3.36	.3501	344.74	0.	0.	-544.
18 22 10	0.	1.	0.	1.	0.	1.	113.9	9.22	.3422	343.81	0.	0.	-730.
18 22 15	0.	1.	0.	1.	0.	1.	113.3	0.00	LOW	343.49	0.	0.	-466.
18 22 20	0.	1.	0.	1.	0.	1.	109.6	0.00	LOW	344.50	0.	0.	-535.
18 22 25	0.	1.	0.	1.	0.	1.	107.8	0.00	LOW	343.16	0.	0.	-699.
18 22 30	0.	1.	0.	1.	0.	1.	106.0	*J000.00	LOW	344.43	0.	0.	-660.
18 22 35	0.	1.	0.	1.	0.	1.	104.1	LOW	LOW	345.05	0.	0.	-1533.
18 22 40	0.	1.	0.	1.	0.	1.	103.4	*0000.00	LOW	345.21	0.	0.	-1165.
18 22 45	0.	1.	0.	1.	0.	1.	105.4	LOW	L/M	344.12	0.	0.	-544.
18 22 50	0.	1.	0.	1.	0.	1.	107.2	*J000.00	*03.3033	344.50	0.	0.	-730.
18 22 55	0.	1.	0.	1.	0.	1.	104.1	1.66	*0053	345.36	0.	0.	-544.
18 23 00	0.	1.	0.	1.	0.	1.	103.5	*0000.00	*03.0033	344.27	0.	0.	-660.

TIME H/M/S	EL TEMP	CU TEMP	SC POSITN	AF FUEL	PK POSITN	PL POSITN	FC FLAP	FC WING	FC SWEEP
16 19 3	16.63	LOM	29.832	151.7	0.758	0.000	0.000	16.23	21.48
16 19 8	16.13	LOM	29.872	151.7	0.797	0.000	0.000	16.22	22.34
16 19 13	21.03	LOM	30.810	151.6	0.870	0.000	0.000	16.21	21.47
16 19 31	21.66	LOM	30.810	151.3	0.877	0.000	0.000	16.20	21.44
16 19 28	20.19	0.00	28.448	150.6	0.763	0.000	0.000	16.26	21.82
16 19 33	16.13	0.00	28.637	150.0	0.740	0.000	0.000	16.25	21.91
16 19 33	17.51	0.00	28.637	150.0	0.681	0.000	0.000	16.25	21.71
16 19 38	17.75	0.00	28.935	150.0	0.753	0.000	0.000	16.23	22.34
16 19 43	21.67	LOM	29.814	150.2	0.870	0.000	0.000	16.25	21.70
16 19 53	21.63	LOM	29.765	150.0	0.852	0.000	0.000	16.24	21.53
16 19 58	21.35	0.00	29.861	151.8	0.906	0.000	0.000	16.26	22.23
16 20 4	19.71	LOM	29.832	150.6	0.783	0.000	0.000	16.28	21.64
16 20 9	18.75	0.00	29.130	150.1	0.758	0.000	0.000	16.25	22.31
16 21 26	15.87	LOM	28.837	150.5	0.783	0.000	0.000	16.27	21.08
16 21 31	16.13	LOM	28.446	152.9	0.804	0.000	0.000	16.27	21.91
16 21 36	19.71	0.00	29.312	150.5	0.812	0.000	0.000	16.22	21.34
16 21 41	21.05	0.00	29.619	151.8	0.961	0.000	0.000	16.30	21.61
16 21 46	21.15	LOM	29.619	151.8	0.884	0.000	0.000	16.32	21.58
16 21 51	21.03	0.00	30.059	150.8	0.913	0.000	0.000	16.70	21.54
16 21 56	21.15	LOM	30.010	150.1	0.955	0.000	0.000	16.28	21.70
16 22 1	19.23	0.00	29.423	151.4	0.790	0.000	0.000	16.28	21.73
16 22 6	17.79	LOM	28.446	150.8	0.870	0.000	0.000	16.26	21.83
16 22 11	14.66	LOM	28.690	150.8	0.833	0.000	0.000	16.25	21.34
16 22 16	20.19	0.00	28.641	150.8	0.855	0.000	0.000	16.24	21.34
16 22 21	19.47	0.00	29.570	150.0	0.841	0.000	0.000	16.37	22.32
16 22 31	21.63	LOM	29.619	150.5	0.894	0.000	0.000	16.45	21.32
16 22 36	22.12	LOM	29.472	150.6	0.970	0.000	0.000	16.60	21.54
16 22 41	24.14	LOM	29.130	150.9	0.754	0.000	0.000	16.37	22.07
16 22 46	22.60	0.00	29.374	150.7	0.855	0.000	0.000	16.45	22.10
16 22 51	16.23	0.00	28.733	150.8	0.737	0.000	0.000	16.26	21.76
16 22 56	16.09	0.00	28.739	151.7	0.739	0.000	0.000	16.25	21.05
16 23 1	21.63	LOM	30.333	150.4	0.884	0.000	0.000	16.22	22.29
16 23 9	24.14	LOM	30.285	150.1	0.935	0.000	0.000	16.25	21.03
16 23 16	22.64	LOM	29.521	152.9	0.937	0.000	0.000	16.37	22.43
16 23 21	17.31	0.00	29.765	150.2	0.932	0.000	0.000	16.32	21.38
16 23 26	17.79	LOM	29.277	150.7	0.725	0.000	0.000	16.26	22.38
16 23 32	17.55	0.00	29.226	150.2	0.775	0.000	0.000	16.26	22.43
16 23 37	19.71	0.00	29.001	150.8	0.812	0.000	0.000	16.23	22.19
16 23 42	21.05	LOM	29.130	150.8	0.730	0.000	0.000	16.24	22.37
16 23 47	24.14	LOM	29.619	151.3	0.806	0.000	0.000	16.23	21.94
16 23 52	22.64	0.00	30.116	150.2	0.934	0.000	0.000	16.26	21.74
16 23 57	23.56	LOM	29.361	152.9	0.974	0.000	0.000	16.26	21.53
16 23 57	23.56	LOM	29.912	152.9	0.937	0.000	0.000	16.29	21.53

TIME H/M/S	EL (3 TEMP RAM AK	EC 22 POSITN TEMP CONTROL	EC 62 POSITN PRIMRY RAM EXIT DOOR F	AF TOTAL FUEL LTRY	PR 35 POSITN NOZZLE L/HENG	PR 00 POSITN THRUST L/HENG	FC 01 POSITN FLAP	FC 02 POSITN WING SWEEP	FC 33 POSITN BRAKE DOOR
16 38 34	22.36	*0000.00	29.521	14938.	4.953	-0M	0.300	16.37	21.47
16 38 39	18.75	61.07	29.032	14445.	6.739	.53	0.300	16.26	21.94
16 38 44	17.19	62.41	28.837	14968.	6.572	*0030.00	0.400	16.25	22.02
16 38 49	17.31	63.39	28.837	15413.	3.076	-0M	0.000	16.23	21.86
16 38 54	20.51	63.89	29.179	15229.	1.547	-0M	0.300	16.24	21.73
16 38 59	20.57	60.71	28.739	14862.	0.000	-0M	0.000	16.25	21.70
16 39 4	20.51	60.36	29.374	14679.	.009	-0M	0.000	16.25	21.73
16 39 9	22.12	60.36	29.814	14037.	.027	-0M	0.000	16.28	21.53
16 39 14	20.91	60.54	29.277	14174.	.013	*0000.00	0.000	16.37	21.58
16 39 19	17.79	60.36	28.152	14862.	0.000	-0M	0.000	16.22	22.19
16 39 24	16.83	61.52	28.543	14862.	0.000	*0000.00	0.000	16.23	22.10
16 39 29	16.83	61.43	28.541	15321.	0.000	-0M	0.000	16.21	22.48
16 39 34	18.13	60.80	28.592	15229.	.004	-0M	0.000	16.23	22.33
16 39 39	21.13	59.43	29.521	14507.	.018	-0M	0.300	16.27	21.41
16 39 44	21.08	58.43	29.668	14266.	.013	-0M	0.000	16.27	21.76
16 39 49	24.14	72.32	30.010	14312.	.036	-0M	0.000	16.26	21.53
16 39 54	21.46	71.34	29.668	14450.	.018	-0M	0.000	16.28	21.50
16 39 59	16.35	68.93	28.543	14954.	0.000	.7	0.000	16.26	21.82
16 40 4	17.17	69.02	28.543	14908.	0.000	.35	0.300	16.24	22.23
16 40 9	20.87	69.11	29.130	14862.	.018	-0M	0.000	16.23	21.34
16 40 14	21.35	68.84	29.374	14358.	.009	-0M	0.000	16.25	21.76
16 40 19	20.67	67.86	29.521	14037.	0.000	-0M	0.000	16.23	21.82
16 40 29	21.15	67.59	29.423	13887.	0.000	-0M	0.000	16.25	21.41
16 40 34	19.23	71.61	29.130	13761.	0.000	-0M	0.000	16.28	21.64
16 40 39	18.13	71.34	29.228	13931.	0.000	-0M	0.000	16.26	22.01
16 40 44	21.03	71.07	29.130	13119.	.034	-0M	0.000	16.26	20.52
16 40 49	20.43	61.70	28.592	13105.	.043	-0M	0.000	16.27	21.32
16 40 54	18.75	62.14	28.446	13486.	0.000	-0M	0.000	16.25	21.76
16 41 4	17.55	61.43	28.446	13761.	0.000	*0000.00	0.000	16.23	21.43
16 41 9	18.75	61.43	28.437	13670.	.027	-0M	0.000	16.23	21.76
16 41 14	17.79	61.25	28.543	13761.	.013	*0000.00	0.000	16.22	21.01
16 41 19	18.27	76.04	29.228	13670.	.027	-0M	0.000	16.22	21.94
16 41 24	15.23	77.95	29.032	13486.	0.000	-0M	0.000	16.24	21.79
16 41 29	21.15	79.23	29.326	13028.	.036	-0M	0.300	16.25	21.53
16 41 34	19.55	80.27	29.130	12962.	.018	-0M	0.000	16.26	21.91
16 41 39	20.67	80.71	29.130	12752.	0.000	-0M	0.000	16.28	21.58
16 41 44	19.71	80.89	28.768	12982.	.022	-0M	0.000	16.27	21.50
16 41 49	16.83	81.96	28.543	13578.	0.000	-0M	0.000	16.23	21.33
16 41 54	17.31	80.36	28.446	13624.	0.000	-0M	0.000	16.22	21.91
16 42 4	18.75	79.42	28.837	13354.	.043	-0M	0.000	16.23	21.94
16 42 9	17.75	80.16	28.841	13532.	.004	-0M	0.000	16.22	22.02
16 42 14	18.75	80.16	29.619	13578.	0.000	-0M	0.000	16.22	21.75
16 42 19	19.55	80.09	29.277	13165.	.018	-0M	0.000	16.24	21.67
16 42 24	21.15	80.36	29.326	12752.	0.000	-0M	0.000	16.25	21.47
16 42 29	20.15	80.78	28.866	12936.	0.000	-0M	0.000	16.28	21.53
16 42 34	20.67	2.66	29.130	12661.	0.000	-0M	0.000	16.27	21.53
16 42 39	19.71	2.50	28.483	12752.	0.000	-0M	0.000	16.27	21.94
16 42 44	17.31	2.65	28.152	13353.	0.000	-0M	0.000	16.26	21.88
16 42 49	17.31	1.81	28.104	12962.	0.000	-0M	0.000	16.24	21.33

TIME M/M/S	EC 13 TEMP RAM AIR	EC 22 TEMP CONTRL	EC 62 POSITN PRIMRY RAM EXIT DOOR F	AF TOTAL FUEL QTY	PR 05 POSITN NOZZLE - / HENG	PR 06 POSITN THRUST L / HENG	FC 01 POSITN FLAP	FC J2 POSITN WING SHEEP	FC J3 POSITN SPEED BRAKE DOOR
16 48 34	17.31	1.43	28.837	133.3	0.000	-0.0	6.600	16.23	21.76
16 48 39	16.55	53.71	28.641	134.6	0.000	-0.0	0.000	16.23	21.93
16 48 44	16.75	100.00	28.543	133.4	0.000	-0.0	0.000	16.21	21.73
16 48 49	19.71	93.46	28.866	132.1	0.000	-0.0	0.000	16.22	21.73
21.15	100.00	29.521	126.1	126.1	.027	-0.0	0.000	16.26	21.53
21.15	90.62	29.179	125.23	125.23	.022	-0.0	0.000	16.27	21.47
21.15	96.39	28.739	129.38	129.38	0.000	-0.0	0.000	16.28	21.53
19.23	*0000.00	28.983	124.31	124.31	0.000	-0.0	0.000	16.28	21.53
20.19	LOW	28.837	127.52	127.52	0.000	-0.0	0.000	16.27	21.47
19.23	*0000.00	28.650	128.91	128.91	0.000	-0.0	0.000	16.27	21.58
16.43	0.00	28.348	133.94	133.94	0.000	-0.0	0.000	16.22	21.94
18.63	*0000.00	28.543	133.94	133.94	0.000	-0.0	0.000	16.19	21.91
16.43	LOW	27.859	134.66	134.66	0.000	-0.0	0.000	16.23	21.94
17.07	LOW	28.152	138.73	138.73	0.000	-0.0	0.000	16.23	21.94
21.63	LOW	28.735	131.19	131.19	0.009	-0.0	0.000	16.24	21.70
21.15	LOW	28.935	129.16	129.16	.058	-0.0	0.000	16.25	21.83
20.67	LOW	28.446	126.61	126.61	.009	-0.0	0.000	16.27	21.47
20.67	LOW	28.983	127.36	127.36	.013	-0.0	0.000	16.26	21.53
20.15	LOW	29.228	125.69	125.69	0.000	-0.0	0.000	16.28	21.47
19.47	*0000.00	29.179	126.61	126.61	0.000	-0.0	0.000	16.27	21.53
17.31	2.50	28.739	128.44	128.44	0.000	-0.0	0.000	16.25	21.75
17.07	2.86	28.446	130.73	130.73	0.000	*0000.00	0.000	16.24	21.75
18.75	1.79	28.641	125.69	125.69	0.000	-0.0	0.000	16.26	21.84
18.03	1.88	28.543	128.98	128.98	0.000	-0.0	0.000	16.25	21.76
16.50	2.14	28.641	126.61	126.61	0.000	-0.0	0.000	16.22	21.94
18.27	*9.91	28.641	129.36	129.36	0.000	-0.0	0.000	16.22	21.94
20.67	37.14	29.228	127.52	127.52	.018	-0.0	0.000	16.25	21.53
18.59	38.57	28.983	129.82	129.82	.009	-0.0	0.000	16.23	21.73
20.19	37.14	29.623	126.61	126.61	.018	-0.0	0.000	16.24	21.04
20.91	38.57	29.423	124.11	124.11	.022	-0.0	0.000	16.26	21.53
16.35	39.64	28.935	124.77	124.77	0.000	-0.0	0.000	16.26	21.53
17.07	*0000.00	28.495	126.61	126.61	0.000	-0.0	0.000	16.27	21.87
20.19	LOW	29.138	122.94	122.94	0.000	-0.0	0.000	16.28	21.41
18.51	*0000.00	28.688	124.77	124.77	0.000	*0000.00	0.000	16.21	21.47
15.51	LOW	28.152	131.19	131.19	0.000	-0.0	0.000	16.21	21.94
16.51	LOW	28.495	130.73	130.73	0.000	-0.0	0.000	16.21	21.97
16.51	LOW	29.228	126.61	126.61	0.000	-0.0	0.000	16.24	21.7

TIME H/M/S	EL TEMP	EC POSITN TEMP CONTRL	EC POSITN PRIMRY RAM EXIT DOOR F	AF TOTAL FUEL QTY	PR POSITN NOZZLE - / HENG	PR POSITN THRUTL L/HENG	FC POSITN FLAP	FC POSITN WING SWEEP	FC POSITN BRAKE DOOR
16 52 45	16.99	56.07	28.641	12916.	0.000	-OM	0.000	16.23	21.51
16 52 45	20.19	97.50	29.126	12202.	.009	LOM	0.000	16.26	21.53
16 52 50	20.43	98.48	29.130	12110.	.013	LOM	0.000	16.27	21.50
16 52 55	20.19	98.04	28.935	12234.	.045	LOM	0.000	16.25	22.00
16 53 0	20.91	98.48	29.130	12110.	.022	LOM	0.000	16.25	21.73
16 53 13	18.27	98.93	28.543	12477.	0.000	LOM	0.000	16.27	21.70
16 53 10	17.75	99.46	28.543	12615.	0.000	LOM	0.000	16.26	22.14
16 53 16	15.38	0.00	27.273	13028.	0.000	LOM	0.000	16.23	22.10
16 53 21	16.11	0.00	27.810	12798.	0.000	LOM	0.000	16.25	21.93
16 53 26	16.63	0.00	28.446	12732.	0.000	LOM	0.000	16.22	21.97
16 53 31	17.17	0.00	28.543	12844.	0.000	LOM	0.000	16.24	21.64
16 53 36	20.67	0.00	29.732	12305.	0.000	LOM	0.000	16.25	21.50
16 53 41	20.91	LOM	29.277	12202.	0.000	LOM	0.000	16.23	21.64
16 53 46	20.67	LOM	29.126	12110.	0.000	LOM	0.000	16.25	21.50
16 53 51	20.91	LOM	29.277	12202.	0.000	LOM	0.000	16.25	21.47
16 53 56	19.71	0.00	28.935	12294.	0.000	LOM	0.000	16.25	21.61
16 54 1	18.51	0.00	28.788	12431.	0.000	LOM	0.000	16.25	21.80
16 54 6	16.35	LOM	28.935	12916.	0.000	LOM	0.000	16.23	21.80
16 54 11	16.83	0.00	28.452	12601.	0.000	LOM	0.000	16.23	21.82
16 54 16	16.83	45.71	28.148	12752.	0.000	LOM	0.000	16.22	21.94
16 54 21	16.35	45.03	28.250	12738.	0.000	LOM	0.000	16.22	21.82
16 54 26	16.27	45.16	28.935	12601.	0.000	LOM	0.000	16.23	21.64
16 54 31	18.99	44.25	28.983	12521.	.084	LOM	0.000	16.26	21.47
16 54 36	20.67	45.00	29.326	11500.	.018	LOM	0.000	16.24	21.61
16 54 41	20.43	45.27	29.081	11972.	.009	LOM	0.000	16.25	21.53
16 54 46	21.15	44.11	29.032	12018.	.027	LOM	0.000	16.26	21.47
16 54 51	21.35	45.00	29.130	12339.	.013	LOM	0.000	16.26	21.53
16 54 56	18.75	46.07	28.677	12202.	0.000	LOM	0.000	16.27	21.53
16 55 1	17.55	46.52	28.641	12319.	0.000	LOM	0.000	16.27	21.47
16 55 6	19.71	46.61	28.935	12018.	0.000	LOM	0.000	16.27	21.56
16 56 9	19.23	46.01	28.739	12018.	0.000	LOM	0.000	16.25	21.04
16 56 14	16.35	46.07	28.348	12509.	0.000	LOM	0.000	23.94	21.99
16 56 19	16.35	46.25	28.348	12601.	0.000	LOM	0.000	50.20	21.88
16 56 24	19.23	44.34	28.446	12477.	0.000	LOM	0.000	59.91	21.70
16 56 29	19.95	44.38	28.760	12234.	0.000	LOM	0.000	71.35	21.94
16 56 34	17.79	45.04	28.543	12305.	0.000	LOM	0.000	71.43	21.95
16 56 39	18.75	45.00	28.698	12319.	0.000	LOM	0.000	71.69	21.84
16 56 44	20.67	44.04	28.677	12018.	0.000	LOM	0.000	64.11	21.50
16 56 49	20.15	45.00	29.001	11927.	0.000	LOM	0.000	42.57	21.47
16 56 54	20.19	46.79	28.352	11835.	0.000	LOM	0.000	35.51	21.50
16 56 59	20.43	45.18	28.641	12110.	0.000	LOM	0.000	16.45	21.55
16 57 4	21.15	46.25	29.326	11697.	0.000	LOM	0.000	16.25	21.47
16 57 9	19.95	46.25	28.935	11697.	0.000	LOM	0.000	16.25	21.94
16 57 14	16.83	46.90	28.452	12305.	0.000	LOM	0.000	16.25	21.47
16 57 19	16.83	46.01	28.201	12477.	0.000	LOM	0.000	16.25	21.48
16 57 24	17.51	47.14	28.543	12212.	0.000	LOM	0.000	16.25	21.94
16 57 30	17.17	46.79	28.347	12365.	0.000	LOM	0.000	16.23	21.94
16 57 35	17.75	45.71	28.250	12601.	0.000	LOM	0.000	16.24	21.83
16 57 40	16.13	45.18	28.543	12523.	0.000	LOM	0.000	16.24	21.83

TIME M/M/S	EC TEMP RAM AR	EC TEMP CUNTRL	EC 62 POSITN PRIMRY RAM EXIT DOOR F	AF TOTAL FUEL QATY	PR 35 VOZLE - /MENG	PK 30 POSITN THROTL L/MENG	FC 31 POSITN FLAP	FC 32 POSITN WING SMECP	FC 33 POSITN SPEED BRAKE JOUR
16 57 45	20.67	44.29	29.423	12.018	0.000	-0M	32.342	16.27	21.71
16 57 50	19.23	44.91	28.983	12.248	0.000	-0M	30.178	16.25	21.32
16 57 55	20.67	44.64	29.521	12.018	0.018	-0M	31.650	16.20	21.71
16 58 00	20.43	44.91	29.174	11.927	0.009	-0M	31.650	16.32	21.56
16 58 05	20.19	45.71	29.326	11.900	0.000	-0M	31.659	16.54	21.47
16 58 10	19.23	46.07	29.335	11.801	0.000	-0M	31.659	16.41	21.01
16 58 15	19.71	46.25	29.130	11.568	0.000	-0M	31.659	16.41	21.47
16 58 20	16.99	46.88	28.592	11.835	0.000	-0M	31.659	16.39	21.58
16 58 25	16.35	46.96	28.348	11.477	0.000	-0M	31.659	16.25	21.34
16 58 30	17.67	45.98	28.543	12.477	0.000	-0M	31.659	16.24	21.37
16 58 35	19.71	45.71	29.130	12.022	0.000	-0M	31.659	16.25	21.75
16 58 40	17.55	45.71	28.739	12.565	0.000	-0M	31.659	16.25	21.85
16 58 45	19.23	43.93	28.837	12.022	0.000	-0M	31.659	16.25	21.32
16 58 50	20.19	44.46	29.032	11.972	0.000	-0M	31.659	16.25	21.67
16 58 55	21.15	46.61	28.228	11.651	0.000	-0M	31.659	16.29	21.41
16 59 00	23.91	46.34	28.081	11.697	0.000	-0M	31.659	16.33	21.50
16 59 05	21.15	45.71	29.326	11.651	0.000	-0M	31.659	16.37	21.35
16 59 10	20.51	45.63	29.277	12.018	0.000	-0M	31.659	16.33	21.50
16 59 15	17.79	47.68	28.446	12.022	0.000	-0M	31.659	16.27	21.75
16 59 20	17.07	47.41	28.348	12.334	0.000	-0M	31.659	16.26	21.88
16 59 25	17.31	46.25	28.543	12.569	0.000	-0M	31.659	16.23	21.94
16 59 30	16.63	46.07	28.495	12.569	0.000	-0M	31.659	16.24	21.97
16 59 35	17.31	45.89	28.446	12.732	0.000	-0M	31.659	16.24	22.00
16 59 40	18.51	45.54	28.837	12.156	0.000	-0M	31.659	16.25	21.87
16 59 45	21.15	43.39	28.935	11.743	0.000	-0M	31.659	16.28	21.53
16 59 50	20.91	44.73	29.130	11.743	0.000	-0M	31.659	16.24	21.53
16 59 55	20.67	45.36	28.935	12.018	0.000	-0M	31.659	16.27	21.50
17 00 00	21.15	45.45	29.130	11.789	0.000	-0M	31.659	16.28	21.53
17 45 23	15.67	44.02	28.055	11.053	0.000	-0M	31.659	16.25	21.34
17 45 28	15.67	44.37	28.006	11.092	0.000	-0M	31.659	16.25	21.34
17 45 33	15.36	43.93	28.055	11.092	0.000	-0M	31.659	16.24	22.30
17 45 39	15.63	44.11	28.006	11.138	0.000	-0M	31.659	16.24	21.37
17 45 44	16.55	43.93	28.357	11.183	0.000	-0M	31.659	16.23	22.31
17 45 49	16.55	44.29	28.055	9.954	0.000	-0M	31.659	16.25	21.85
17 45 54	15.67	44.82	27.761	9.817	0.000	-0M	31.659	16.26	21.70
17 45 59	15.67	45.00	27.859	9.802	0.000	-0M	31.659	16.26	21.79
17 46 04	15.68	45.00	28.152	11.042	0.000	-0M	31.659	16.25	21.47
17 46 09	9.62	44.40	28.114	11.046	0.000	-0M	31.659	16.24	21.71
17 46 14	19.23	43.18	28.543	9.256	0.000	-0M	31.659	16.37	21.53
17 46 19	19.47	44.91	28.041	9.312	0.000	-0M	31.659	16.33	21.50
17 46 24	18.75	44.29	28.055	9.991	0.000	-0M	31.659	16.27	21.47
17 46 29	18.27	44.31	28.152	9.312	0.000	-0M	31.659	16.28	21.53
17 46 34	17.79	43.31	27.859	9.456	0.000	-0M	31.659	16.28	21.64
17 46 39	17.07	44.31	27.810	9.537	0.000	-0M	31.659	16.28	21.71
17 46 44	17.75	43.04	29.228	11.008	0.000	-0M	31.659	16.25	22.40
17 46 49	18.27	42.86	28.837	9.817	0.000	-0M	31.659	16.25	22.40
17 46 54	18.75	43.75	28.543	9.633	0.000	-0M	31.659	16.25	21.58
17 47 00	19.23	42.95	28.066	9.507	0.000	-0M	31.659	16.25	21.50
17 47 05	19.23	42.14	29.130	9.568	0.000	-0M	31.659	16.26	21.53

TIME
H/M/S
02

EC 13	EC 22	EC 62	AF 4	PR 03	PR 04	FC 11	FC 02	FC 03
TEMP RAM 44	POSITN TEMP CONTROL	POSITN PRIMRY RAM EXIT DOOR F	TOTAL FUEL QNTY	POSITN NOZZLE - / HENG	POSITN THROTL L / HENG	POSITN FLAP	POSITN WING SWEEP	POSITN SP-ED BRAKE DOOR
20.17	LOW	29.228	3174.	.045	LOW	0.000	16.28	21.70
20.19	0.000.00	29.326	3266.	.045	LOW	0.000	16.28	21.70
20.19	0.00	29.228	3093.	.036	LOW	0.000	16.28	21.76
20.43	0.000.00	29.081	3128.	.031	LOW	0.000	16.28	21.73
18.75	LOW	29.521	3174.	0.000	LOW	0.000	16.28	21.82
19.47	LOW	29.570	3128.	.009	LOW	0.000	16.27	21.48
18.75	LOW	29.032	3434.	.009	LOW	0.000	16.28	21.73
17.07	LOW	29.277	3434.	.018	LOW	0.000	16.28	21.32
17.75	LOW	29.228	3174.	.016	LOW	0.000	16.27	21.73
17.75	LOW	29.179	3266.	.022	LOW	0.000	16.27	21.79
19.71	LOW	29.717	3093.	.027	LOW	0.000	16.25	21.94
20.19	LOW	29.423	3033.	.031	LOW	0.000	16.26	21.55
19.71	0.00	28.935	3063.	.054	LOW	0.000	16.29	21.70
17.55	0.000.00	29.032	3128.	.036	LOW	0.000	16.28	21.73

C COMMUTATOR

TIME H/M/S	CS PRESS ALT	EC 1 PRESS CABIN ALT	EC 23 TEMP AIR UPSTR OF JLEU AR REV	EC 92 PRESS DIFF L/M ELECT DAY	EC 33 PRESS DIFF R/M ELECT DAY	EC 4 TEMP AIR PILOTS HEAD LEVEL	EC 5 TEMP AIR PILOTS FOOT LEVEL	EC 7 TEMP AIR PILOTS WAIST LEVEL	EC 8 TEMP AIR CO-PLT HEAD LEVEL	EC 9 TEMP AIR PILOTS FOOT LEVEL	EC 11 TEMP AIR PILOTS WAIST LEVEL	EC 12 TEMP AIR OUTLET DE-FOG R/M CABIN	EC 13 TEMP AIR OUTLET DE-FOG L/M CABIN
16 19 3	24490.	-07	102.	-04	.32	75	80.	84.	80.	76.	75.	74.	82.
16 19 8	15755.	-02	88.	.04	.02	75.	81.	92.	77.	75.	75.	76.	83.
16 19 13	4600.	-01	90.	.07	.11	74.	80.	78.	73.	76.	76.	83.	86.
16 19 31	2280.	-04	97.	.07	.08	75.	80.	76.	80.	77.	76.	78.	85.
16 19 20	-400.	0.00	101.	-09	.03	79.	80.	44.	70.	77.	75.	74.	83.
16 19 33	-267.	-06	103.	-01	.14	77.	79.	84.	70.	76.	75.	77.	84.
16 19 33	-133.	0.00	90.	.03	.04	78.	82.	35.	77.	74.	74.	69.	80.
16 19 33	-89.	.01	84.	.02	.03	76.	81.	82.	82.	76.	74.	75.	83.
16 19 43	-667.	0.00	91.	.10	.12	78.	80.	81.	73.	77.	70.	76.	83.
16 19 43	-578.	-03	94.	.06	.08	78.	80.	83.	74.	77.	70.	74.	82.
16 19 53	311.	-12	102.	.10	.01	77.	80.	80.	74.	73.	70.	74.	84.
16 19 53	485.	-15	101.	.12	.02	77.	79.	84.	74.	73.	70.	77.	84.
16 19 58	-400.	0.00	97.	.10	.03	78.	80.	81.	77.	76.	70.	77.	83.
16 20 4	-400.	-03	96.	.09	.04	80.	82.	84.	77.	77.	70.	77.	82.
16 20 9	-133.	-01	134.	.07	.02	80.	82.	84.	77.	77.	70.	77.	83.
16 21 26	-44.	-01	141.	.07	.02	80.	82.	84.	77.	77.	70.	77.	82.
16 21 31	-576.	.21	150.	.15	.02	80.	82.	84.	77.	77.	70.	77.	83.
16 21 36	-178.	.18	163.	.09	.04	76.	80.	84.	77.	77.	70.	77.	82.
16 21 41	-44.	.12	167.	-01	.03	82.	80.	85.	77.	77.	70.	77.	83.
16 21 46	-176.	.18	169.	.10	.02	81.	80.	84.	77.	77.	70.	77.	82.
16 21 51	-133.	.23	161.	.10	.02	82.	80.	85.	77.	77.	70.	77.	83.
16 21 56	-356.	.17	165.	.14	.05	81.	80.	84.	77.	77.	70.	77.	82.
16 22 1	-133.	.23	160.	.16	.05	76.	80.	80.	79.	77.	70.	77.	86.
16 22 6	-222.	.23	186.	.11	.04	81.	80.	84.	79.	77.	70.	77.	82.
16 22 11	-44.	.16	199.	.16	.04	81.	80.	85.	80.	77.	70.	77.	86.
16 22 16	-356.	.13	204.	.11	.03	81.	80.	85.	80.	77.	70.	77.	82.
16 22 21	-44.	.16	227.	.12	.03	81.	80.	85.	80.	77.	70.	77.	86.
16 22 34	-44.	.19	230.	.08	.08	81.	80.	85.	80.	77.	70.	77.	86.
16 22 36	-489.	.19	254.	.15	.02	81.	80.	85.	80.	77.	70.	77.	86.
16 22 41	-133.	.18	254.	.12	.03	81.	80.	85.	80.	77.	70.	77.	86.
16 22 46	-222.	.18	249.	.19	.02	81.	80.	85.	80.	77.	70.	77.	86.
16 22 51	-356.	.16	254.	.19	.02	81.	80.	85.	80.	77.	70.	77.	86.
16 22 56	-133.	.15	270.	.11	.00	81.	80.	85.	80.	77.	70.	77.	86.
16 23 1	-89.	.15	265.	.11	.00	81.	80.	85.	80.	77.	70.	77.	86.
16 23 9	44.	.13	264.	.13	.00	81.	80.	85.	80.	77.	70.	77.	86.
16 23 9	44.	.15	266.	.10	.01	81.	80.	85.	80.	77.	70.	77.	86.
16 23 11	44.	.26	279.	.09	.01	81.	80.	85.	80.	77.	70.	77.	86.
16 23 16	-44.	.23	273.	.04	.02	81.	80.	85.	80.	77.	70.	77.	86.
16 23 21	-44.	.21	275.	.00	.02	81.	80.	85.	80.	77.	70.	77.	86.
16 23 26	737856.	.20	271.	.07	.03	81.	80.	85.	80.	77.	70.	77.	86.
16 23 32	-1376.	.25	263.	-01	.02	81.	80.	85.	80.	77.	70.	77.	86.
16 23 42	-933.	.23	267.	-01	.02	81.	80.	85.	80.	77.	70.	77.	86.
16 23 47	133.	.13	276.	.09	.06	81.	80.	85.	80.	77.	70.	77.	86.
16 23 52	-489.	.18	278.	.05	.04	81.	80.	85.	80.	77.	70.	77.	86.
16 23 57	-489.	.22	281.	-01	.03	81.	80.	85.	80.	77.	70.	77.	86.

TIME H/M/S	CS PRESS ALT	EC PRESS CABIN ALT	EC 23 TEMP AIR UPSTR OF BLEED AR REG	EC 92 PRESS DIFF L/H ELECT BAY	EC 93 PRESS DIFF R/H ELECT BAY	EC 4 TEMP AIR PILOTS HEAD LEVEL	EC 5 TEMP AIR PILOTS FOOT LEVEL	EC 7 TEMP AIR PILOTS HEAD LEVEL	EC 8 TEMP AIR CO-PLT HEAD LEVEL	EC 9 TEMP AIR CO-PLT FOOT LEVEL	EC 11 TEMP AIR CO-PLT FOOT LEVEL	EC 12 TEMP AIR OUTLET JE-FUG R/H CABIN	EC 13 TEMP AIR OUTLET DE-FUG L/H CABIN
16 38 34	*737856	.30	361.	.04	.00	75.	76.	77.	70.	75.	71.	66.	70.
16 38 39	-400.	.51	404.	.21	.03	59.	74.	69.	70.	73.	62.	58.	54.
16 38 44	-400.	.37	474.	.15	.04	59.	74.	70.	70.	72.	62.	55.	54.
16 38 49	409.	.38	489.	.12	.03	70.	72.	68.	67.	74.	62.	56.	56.
16 38 54	6.	.35	485.	.07	.05	70.	73.	71.	69.	75.	62.	52.	54.
16 38 59	311.	.32	483.	.09	.00	59.	73.	67.	63.	73.	61.	58.	53.
16 39 4	6.	.35	483.	.09	.01	58.	73.	68.	71.	73.	61.	53.	52.
16 39 9	133.	.41	484.	.01	.05	67.	72.	69.	74.	71.	63.	52.	52.
16 39 14	-133.	.31	481.	.03	.03	56.	73.	68.	73.	73.	60.	55.	54.
16 39 19	-133.	.01	454.	.15	.01	56.	74.	67.	73.	69.	59.	55.	57.
16 39 24	89.	.23	424.	.02	.06	58.	74.	72.	73.	71.	62.	50.	54.
16 39 29	44.	.35	371.	.07	.00	57.	72.	70.	71.	71.	62.	50.	55.
16 39 34	-133.	.32	356.	.05	.03	57.	73.	69.	68.	73.	61.	53.	55.
16 39 39	-44.	.15	334.	.09	.05	56.	71.	69.	73.	71.	61.	53.	55.
16 39 44	-176.	.24	322.	.04	.04	56.	71.	66.	71.	73.	61.	52.	56.
16 39 49	-578.	.32	312.	.06	.04	56.	74.	66.	73.	71.	53.	58.	56.
16 39 54	-622.	.34	307.	.05	.04	56.	74.	66.	70.	72.	57.	58.	58.
16 40 4	-311.	.34	305.	.11	.03	53.	74.	71.	73.	73.	61.	50.	55.
16 40 9	-624.	.34	304.	.11	.07	55.	74.	71.	73.	73.	61.	46.	56.
16 40 14	-44.	.25	303.	.04	.00	67.	74.	70.	71.	72.	59.	48.	56.
16 40 19	-311.	.29	294.	.07	.00	57.	73.	70.	73.	72.	61.	50.	56.
16 40 24	44.	.43	293.	.12	.02	57.	74.	69.	74.	72.	61.	52.	55.
16 40 29	89.	.36	289.	.08	.03	57.	74.	67.	72.	72.	61.	56.	57.
16 40 34	-401.	.32	288.	.04	.07	67.	76.	67.	60.	74.	58.	56.	58.
16 40 39	-489.	.34	289.	.04	.06	57.	74.	69.	68.	74.	59.	56.	57.
16 40 44	311.	.23	727.	.16	.05	74.	73.	73.	75.	79.	74.	79.	82.
16 40 49	-133.	.29	729.	.13	.05	75.	78.	74.	77.	78.	74.	79.	81.
16 40 54	-667.	.44	767.	.10	.05	78.	86.	74.	75.	75.	74.	84.	82.
16 41 4	-756.	.37	755.	.14	.06	77.	79.	74.	75.	79.	74.	79.	82.
16 41 9	-756.	.20	764.	.12	.05	78.	78.	76.	76.	76.	74.	77.	79.
16 41 14	-533.	.29	768.	.07	.05	78.	78.	78.	76.	77.	74.	77.	78.
16 41 19	-311.	.37	779.	.16	.06	78.	79.	77.	74.	80.	74.	82.	81.
16 41 24	6.	.32	772.	.10	.02	78.	79.	76.	75.	78.	75.	82.	81.
16 41 29	-578.	.37	730.	.13	.05	74.	79.	76.	75.	78.	75.	84.	80.
16 41 34	-401.	.34	733.	.06	.05	73.	79.	78.	77.	78.	75.	81.	79.
16 41 39	-133.	.23	692.	.06	.04	79.	79.	80.	75.	78.	73.	81.	77.
16 41 44	-267.	.34	684.	.12	.04	79.	79.	76.	75.	77.	72.	79.	79.
16 41 49	-578.	.31	624.	.15	.03	78.	75.	74.	78.	78.	74.	83.	82.
16 41 54	-622.	.31	624.	.15	.03	77.	76.	77.	78.	78.	74.	79.	80.
16 42 4	-401.	.25	589.	.09	.04	78.	76.	80.	74.	80.	74.	79.	76.
16 42 9	-267.	.32	584.	.12	.04	77.	76.	77.	74.	79.	74.	80.	78.
16 42 14	-44.	.44	522.	.12	.00	74.	80.	74.	80.	77.	72.	77.	82.
16 42 19	-133.	.43	546.	.07	.03	76.	78.	74.	81.	77.	73.	77.	80.
16 42 24	-667.	.29	529.	.15	.04	77.	80.	80.	79.	79.	69.	75.	78.
16 42 29	-489.	.37	526.	.10	.04	78.	81.	80.	78.	79.	72.	74.	77.
16 42 34	133.	.38	527.	.01	.05	77.	79.	76.	76.	79.	73.	71.	71.
16 42 39	-272.	.36	516.	.05	.03	78.	78.	75.	77.	78.	73.	74.	73.
16 42 44	-578.	.23	513.	.03	.03	74.	76.	79.	73.	76.	71.	66.	68.
16 42 49	-400.	.29	510.	.12	.03	75.	77.	77.	75.	76.	71.	69.	68.

TIME M/M/S	CS PRESS ALT	EC 1 PRESS CABIN ALT	EC 23 TEMP AIR UPSTR OF BLEED AR REG	EC 92 PRESS DIFF L/H ELECT BAY	EC 93 PRESS DIFF L/H ELECT BAY	EC 4 TEMP AIR PILOTS HEAD LEVEL	EC 5 TEMP AIR PILOTS FOOT LEVEL	EC 7 TEMP AIR PILOTS WAIST LEVEL	EC 8 TEMP AIR CO-PILOT HEAD LEVEL	EC 9 TEMP AIR CO PILOTS FOOT LEVEL	EC 11 TEMP AIR CO PILOTS WAIST LEVEL	EC 12 TEMP AIR OUTLET DE-FOG R/H CABIN	EC 13 TEMP AIR OUTLET DE-FOG L/H CABIN
16 40 34	-311.	.36	511.	.18	.03	76.	76.	67.	76.	75.	70.	71.	68.
16 40 39	-311.	.35	511.	.15	.04	75.	76.	73.	78.	75.	70.	65.	66.
16 40 44	-667.	.35	500.	.01	.03	73.	75.	71.	72.	76.	69.	70.	71.
16 40 49	-533.	.37	503.	0.00	.04	73.	76.	74.	73.	77.	71.	68.	71.
16 40 54	-44.	.35	510.	.12	.05	75.	78.	71.	72.	76.	74.	79.	81.
16 40 59	-178.	.36	503.	.06	.03	73.	79.	73.	75.	76.	74.	78.	82.
16 41 4	-311.	.22	507.	.01	.04	76.	80.	79.	78.	79.	75.	76.	82.
16 41 9	-356.	.35	501.	.06	.04	75.	80.	79.	77.	79.	74.	77.	75.
16 41 14	-667.	.51	493.	.15	.05	79.	80.	80.	77.	78.	74.	74.	74.
16 41 19	-533.	.42	494.	.10	.05	78.	77.	74.	74.	77.	74.	77.	73.
16 41 24	-578.	.47	494.	.03	.03	76.	77.	76.	76.	76.	73.	71.	69.
16 41 29	-356.	.37	500.	.07	.03	75.	77.	75.	77.	74.	71.	58.	62.
16 41 34	44.	.38	508.	.16	.05	74.	75.	79.	75.	75.	71.	62.	65.
16 41 39	133.	.36	507.	.06	.05	75.	78.	78.	75.	75.	71.	63.	65.
16 41 44	-44.	.35	503.	.06	.07	76.	79.	75.	72.	78.	70.	65.	91.
16 41 49	0.	.35	505.	.02	.06	75.	79.	75.	70.	78.	70.	45.	91.
16 41 54	-667.	.41	491.	.07	.02	74.	81.	80.	74.	80.	81.	99.	107.
16 50 4	-489.	.37	493.	.07	.04	81.	82.	80.	75.	80.	82.	106.	114.
16 50 9	133.	.23	500.	.04	.06	86.	88.	84.	78.	83.	88.	108.	122.
16 50 14	89.	.32	500.	.02	.06	86.	87.	81.	78.	83.	87.	113.	121.
16 50 19	-756.	.45	493.	.10	.00	85.	87.	78.	84.	85.	85.	113.	112.
16 50 24	-667.	.22	486.	.16	.02	86.	85.	80.	80.	79.	80.	107.	107.
16 50 29	44.	.23	511.	.13	.04	86.	84.	86.	82.	81.	85.	97.	97.
16 50 34	-133.	.31	502.	.08	.03	86.	76.	83.	84.	73.	84.	58.	97.
16 50 39	-578.	.26	493.	.15	.05	86.	79.	86.	83.	60.	83.	90.	91.
16 50 44	-622.	.30	489.	.03	.05	86.	81.	82.	83.	79.	83.	92.	92.
16 50 49	-578.	.35	484.	.03	.03	86.	79.	84.	81.	86.	82.	86.	88.
16 50 54	-356.	.33	491.	.04	.02	85.	80.	81.	81.	81.	80.	91.	92.
16 51 4	-578.	.35	494.	.04	.06	85.	84.	83.	83.	80.	83.	95.	95.
16 51 9	-622.	.34	491.	.09	.05	85.	84.	81.	83.	79.	83.	95.	98.
16 51 14	44.	.28	503.	.04	.03	83.	80.	78.	83.	80.	84.	106.	107.
16 51 19	-178.	.42	496.	.05	.01	82.	85.	82.	84.	80.	85.	100.	102.
16 51 24	-133.	.43	505.	.04	.03	88.	80.	80.	73.	80.	85.	96.	93.
16 51 29	-178.	.44	504.	.07	.03	86.	83.	81.	84.	75.	79.	91.	88.
16 51 34	-578.	.37	491.	.16	.04	83.	81.	83.	80.	78.	82.	82.	83.
16 51 39	-406.	.40	493.	.10	.04	83.	86.	78.	85.	77.	81.	81.	83.
16 51 44	-44.	.44	493.	.01	.03	83.	80.	81.	83.	77.	81.	80.	63.
16 51 49	-356.	.43	491.	.02	.04	82.	80.	83.	83.	77.	81.	79.	69.
16 51 54	-578.	.35	491.	.13	.01	82.	85.	83.	82.	80.	82.	86.	97.
16 52 4	-44.	.34	494.	.15	.04	84.	85.	85.	85.	83.	83.	93.	101.
16 52 9	-356.	.32	489.	.01	.06	85.	85.	85.	85.	83.	83.	93.	101.
16 52 14	-89.	.32	494.	.01	.04	85.	85.	85.	85.	83.	83.	93.	101.
16 52 19	-578.	.37	496.	.15	.07	87.	87.	87.	87.	83.	89.	101.	108.
16 52 24	-311.	.47	492.	.10	.04	87.	87.	87.	87.	83.	89.	101.	108.
16 52 29	-578.	.29	491.	.06	.06	87.	87.	87.	87.	83.	89.	101.	108.
16 52 34	133.	.26	485.	.17	.03	87.	87.	87.	87.	83.	89.	101.	108.
16 52 39	-222.	.29	493.	.13	.04	88.	88.	88.	88.	83.	89.	101.	108.
16 52 44	-400.	.37	488.	.09	.02	88.	88.	88.	88.	83.	89.	101.	108.

TIME MM/SS	US PRESS ALT	EC PRESS CABIN ALT	LC TEMP AIR UPSTR OF BLEED AR NEG	EC DIFF L/M ELECT BAY	EC PRESS DIFF L/M ELECT BAY	EC TEMP AIR PILOTS MEAN LEVEL	LC TEMP AIR PILOTS FOOT LEVEL	EC TEMP AIR PILOTS MAIST LEVEL	LC TEMP AIR CO-PLY MEAD LEVEL	EC TEMP AIR PILOTS FOOT LEVEL	LC TEMP AIR CO PILOTS MAIST LEVEL	EC TEMP AIR OUTLET DE-FOG R/M CABIN	LC TEMP AIR OUTLET DE-FOG R/M CABIN
16 52 45	-356.	.14	432.	.05	.01	.00	.00	.00	.92	.00	.00	.00	.00
16 52 45	-750.	.34	431.	.03	.03	.00	.00	.00	.87	.00	.00	.00	.00
16 52 50	-311.	.26	430.	.03	.02	.00	.00	.00	.85	.00	.00	.00	.00
16 52 55	-489.	.23	501.	0.00	.03	.00	.00	.00	.90	.00	.00	.00	.00
16 53 00	-578.	.20	433.	.07	.04	.00	.00	.00	.87	.00	.00	.00	.00
16 53 13	-44.	.22	433.	.00	.00	.00	.00	.00	.80	.00	.00	.00	.00
16 53 16	-44.	.31	406.	.01	.02	.00	.00	.00	.80	.00	.00	.00	.00
16 53 21	-311.	.54	504.	.03	.03	.00	.00	.00	.84	.00	.00	.00	.00
16 53 21	-401.	.44	493.	0.00	.04	.00	.00	.00	.80	.00	.00	.00	.00
16 53 26	-311.	.35	494.	.00	.03	.00	.00	.00	.81	.00	.00	.00	.00
16 53 31	-44.	.34	493.	.01	.03	.00	.00	.00	.80	.00	.00	.00	.00
16 53 36	-133.	.25	431.	.01	.07	.00	.00	.00	.81	.00	.00	.00	.00
16 53 41	-222.	.32	493.	.01	.05	.00	.00	.00	.81	.00	.00	.00	.00
16 53 46	-311.	.43	507.	.03	.05	.00	.00	.00	.82	.00	.00	.00	.00
16 53 51	-44.	.40	503.	.04	.05	.00	.00	.00	.81	.00	.00	.00	.00
16 53 56	578.	.32	497.	.05	.05	.00	.00	.00	.84	.00	.00	.00	.00
16 54 01	222.	.33	493.	.05	.03	.00	.00	.00	.85	.00	.00	.00	.00
16 54 06	-489.	.26	501.	.07	.02	.00	.00	.00	.85	.00	.00	.00	.00
16 54 11	-489.	.29	437.	.07	.07	.00	.00	.00	.84	.00	.00	.00	.00
16 54 16	133.	.47	409.	.09	.04	.00	.00	.00	.87	.00	.00	.00	.00
16 54 21	222.	.34	431.	.04	.02	.00	.00	.00	.90	.00	.00	.00	.00
16 54 26	-578.	.36	493.	.07	.02	.00	.00	.00	.94	.00	.00	.00	.00
16 54 31	-444.	.40	436.	.07	.03	.00	.00	.00	.91	.00	.00	.00	.00
16 54 36	-311.	.47	493.	.09	.03	.00	.00	.00	.93	.00	.00	.00	.00
16 54 41	-489.	.40	407.	.05	.03	.00	.00	.00	.93	.00	.00	.00	.00
16 54 46	-222.	.34	459.	.13	.04	.00	.00	.00	.90	.00	.00	.00	.00
16 54 51	-222.	.31	441.	.10	.04	.00	.00	.00	.90	.00	.00	.00	.00
16 54 56	-489.	.16	404.	.03	.02	.00	.00	.00	.90	.00	.00	.00	.00
16 55 01	-489.	.14	408.	.03	.01	.00	.00	.00	.90	.00	.00	.00	.00
16 55 06	-89.	.32	361.	.07	.05	.00	.00	.00	.90	.00	.00	.00	.00
16 55 09	-44.	.32	336.	.07	.05	.00	.00	.00	.90	.00	.00	.00	.00
16 55 19	44.	.22	311.	.03	.03	.00	.00	.00	.90	.00	.00	.00	.00
16 55 24	1.	.24	307.	.03	.03	.00	.00	.00	.90	.00	.00	.00	.00
16 55 29	-489.	.21	298.	.03	.03	.00	.00	.00	.90	.00	.00	.00	.00
16 55 34	-171.	.22	294.	.01	.02	.00	.00	.00	.90	.00	.00	.00	.00
16 55 39	311.	.20	301.	.01	.01	.00	.00	.00	.90	.00	.00	.00	.00
16 55 44	44.	.24	295.	.02	.02	.00	.00	.00	.90	.00	.00	.00	.00
16 55 49	133.	.21	300.	.04	.02	.00	.00	.00	.90	.00	.00	.00	.00
16 55 54	-89.	.23	295.	.08	.02	.00	.00	.00	.90	.00	.00	.00	.00
16 55 59	44.	.19	299.	.03	.01	.00	.00	.00	.90	.00	.00	.00	.00
16 56 04	-89.	.21	290.	.05	.03	.00	.00	.00	.90	.00	.00	.00	.00
16 56 09	-578.	.26	289.	.01	.05	.00	.00	.00	.90	.00	.00	.00	.00
16 56 14	-44.	.23	289.	.03	.03	.00	.00	.00	.90	.00	.00	.00	.00
16 56 19	-133.	.35	294.	.01	.03	.00	.00	.00	.90	.00	.00	.00	.00
16 56 24	44.	.23	293.	.01	.02	.00	.00	.00	.90	.00	.00	.00	.00
16 56 29	-222.	.16	298.	.03	.01	.00	.00	.00	.90	.00	.00	.00	.00
16 56 34	-222.	.21	290.	.13	.04	.00	.00	.00	.90	.00	.00	.00	.00
16 56 39	-222.	.21	290.	.10	.04	.00	.00	.00	.90	.00	.00	.00	.00
16 56 44	-222.	.21	290.	.10	.04	.00	.00	.00	.90	.00	.00	.00	.00
16 56 49	-222.	.21	290.	.10	.04	.00	.00	.00	.90	.00	.00	.00	.00
16 56 54	-222.	.21	290.	.10	.04	.00	.00	.00	.90	.00	.00	.00	.00
16 56 59	-222.	.21	290.	.10	.04	.00	.00	.00	.90	.00	.00	.00	.00
16 57 04	-222.	.21	290.	.10	.04	.00	.00	.00	.90	.00	.00	.00	.00
16 57 09	-222.	.21	290.	.10	.04	.00	.00	.00	.90	.00	.00	.00	.00
16 57 14	-222.	.21	290.	.10	.04	.00	.00	.00	.90	.00	.00	.00	.00
16 57 19	-222.	.21	290.	.10	.04	.00	.00	.00	.90	.00	.00	.00	.00
16 57 24	-222.	.21	290.	.10	.04	.00	.00	.00	.90	.00	.00	.00	.00
16 57 29	-222.	.21	290.	.10	.04	.00	.00	.00	.90	.00	.00	.00	.00
16 57 34	-222.	.21	290.	.10	.04	.00	.00	.00	.90	.00	.00	.00	.00
16 57 39	-222.	.21	290.	.10	.04	.00	.00	.00	.90	.00	.00	.00	.00
16 57 44	-222.	.21	290.	.10	.04	.00	.00	.00	.90	.00	.00	.00	.00
16 57 49	-222.	.21	290.	.10	.04	.00	.00	.00	.90	.00	.00	.00	.00

TIME H/M/S	CS PRESS ALT	EC PRESS CABIN ALT	EC 23 TEMP AIR UPSTR OF BLEED AR REG	EC 92 PRESS DIFF L/H ELECT 3AY	EC 93 PRESS DIFF X/H ELECT 3AY	EC 4 TEMP AIR PILOTS HEAD LEVEL	EC 5 TEMP AIR PILOTS FOOT LEVEL	EC 7 TEMP AIR PILOTS MAIST LEVEL	EC 8 TEMP AIR CO-PLT ALAJ LEVEL	EC 9 TEMP AIR CO PILOTS FOOT LEVEL	EC 11 TEMP AIR CO PILOTS MAIST LEVEL	EC 12 TEMP AIR OUTLET DE-FOG K/H CABIN	EC 13 TEMP AIR OUTLET DE-FOG L/H CABIN
16 57 45	137.	31	285.	0.03	.01	79.	81.	76.	85.	81.	78.	76.	70.
16 57 50	-89.	27	285.	-.02	.03	79.	81.	76.	83.	81.	77.	76.	77.
16 57 55	-46.	19	285.	.04	.04	82.	82.	82.	83.	81.	78.	78.	77.
16 58 0	133.	18	289.	.07	.03	81.	81.	81.	32.	82.	78.	69.	73.
16 58 5	-576.	32	288.	.15	.02	82.	80.	78.	79.	82.	79.	72.	74.
16 58 10	-222.	33	288.	.07	.04	82.	81.	78.	79.	82.	78.	75.	76.
16 58 15	-578.	35	275.	-.01	.05	82.	82.	78.	82.	82.	77.	75.	75.
16 58 20	-267.	32	280.	.02	.02	82.	81.	79.	84.	81.	77.	71.	71.
16 58 25	-311.	19	283.	0.00	.03	80.	81.	81.	81.	81.	77.	66.	74.
16 58 30	-356.	23	285.	.06	.01	79.	81.	78.	81.	81.	77.	70.	72.
16 58 35	-607.	25	281.	-.03	.04	80.	79.	78.	80.	81.	76.	66.	71.
16 58 40	-356.	22	287.	.04	.03	80.	79.	80.	84.	82.	76.	74.	76.
16 58 45	-75.	20	283.	.07	.01	78.	81.	74.	80.	80.	76.	74.	74.
16 58 55	-667.	22	283.	.02	.01	79.	80.	77.	32.	80.	75.	71.	71.
16 59 0	-578.	35	280.	.10	-.00	79.	77.	80.	70.	82.	70.	68.	69.
16 59 5	-622.	32	283.	.07	-.00	78.	77.	82.	81.	80.	75.	65.	73.
16 59 10	-40.	32	291.	.06	.01	76.	86.	82.	84.	80.	75.	69.	67.
16 59 15	-267.	26	290.	.03	.02	76.	80.	77.	81.	80.	76.	67.	67.
16 59 25	-489.	22	296.	.12	.02	78.	80.	77.	83.	80.	75.	64.	69.
16 59 30	-533.	23	290.	.09	.02	84.	80.	78.	78.	82.	75.	64.	69.
16 59 35	-44.	21	296.	.10	.04	80.	80.	77.	77.	81.	74.	67.	71.
16 59 40	-311.	23	288.	.06	.04	77.	80.	77.	82.	81.	74.	71.	75.
16 59 45	-222.	30	291.	.04	.04	79.	79.	74.	82.	81.	75.	66.	74.
16 59 50	-667.	32	281.	.03	.03	77.	79.	77.	81.	82.	74.	67.	76.
16 59 55	-267.	30	280.	.07	.02	74.	80.	78.	81.	82.	73.	68.	71.
17 0 0	-44.	21	280.	.05	.05	77.	80.	77.	78.	81.	73.	69.	73.
17 0 23	2868.	35	278.	.07	.07	77.	80.	77.	74.	81.	73.	71.	74.
17 0 28	6076.	34	285.	.09	.06	76.	80.	74.	76.	81.	73.	76.	75.
17 0 33	23385.	18	275.	.01	.01	76.	81.	71.	71.	80.	73.	76.	75.
17 0 38	27648.	29	276.	.06	.09	76.	81.	75.	74.	80.	72.	72.	74.
17 0 43	40662.	40	272.	.04	.03	76.	81.	73.	71.	78.	72.	74.	74.
17 0 48	44257.	39	276.	.10	.03	76.	81.	73.	74.	78.	72.	73.	77.
17 0 53	56607.	16	274.	.04	.06	78.	82.	77.	73.	81.	73.	74.	76.
17 0 58	58302.	16	274.	.01	.04	76.	80.	75.	75.	79.	73.	74.	74.
17 0 59	60165.	23	293.	0.04	.01	77.	80.	79.	73.	79.	73.	74.	74.
17 0 64	56226.	28	289.	.01	.01	75.	81.	76.	75.	76.	73.	71.	77.
17 0 69	47611.	30	290.	.04	.03	78.	81.	80.	74.	86.	73.	70.	74.
17 0 14	43223.	35	269.	.07	.03	77.	81.	77.	73.	80.	73.	73.	77.
17 0 19	32062.	30	281.	.13	.04	78.	81.	75.	70.	75.	73.	72.	76.
17 0 24	24156.	31	283.	.07	.03	77.	81.	73.	70.	79.	73.	72.	76.
17 0 29	14705.	34	283.	.05	.05	75.	80.	73.	74.	80.	72.	76.	80.
17 0 34	5295.	36	279.	.08	.05	75.	81.	75.	70.	80.	73.	72.	77.
17 0 39	-401.	21	274.	.08	.03	74.	81.	75.	77.	79.	76.	72.	80.
17 0 44	756.	23	279.	.08	.03	76.	81.	75.	77.	79.	75.	74.	74.
17 0 49	2395.	36	279.	.10	.05	76.	81.	75.	77.	79.	75.	74.	74.
17 0 54	1175.	36	291.	.11	.05	75.	81.	75.	77.	79.	75.	74.	74.
17 0 59	-44.	31	275.	0.03	.02	76.	81.	80.	81.	78.	73.	69.	75.

TIME H/M/S	CS PRESS ALT	EC PRESS CABIN ALT	EC 23 TEMP AIR UPSTR OF BLEED AIR REG	EC 92 PRESS DIFF L/H ELECT BAY	EC 93 PRESS DIFF L/H ELECT BAY	EC 4 TEMP AIR PILOTS HEAD LEVEL	EC 5 TEMP AIR PILOTS FOOT LEVEL	EC 7 TEMP AIR PILOTS MAIST LEVEL	EC 9 TEMP AIR CO PILOTS FOOT LEVEL	EC 11 TEMP AIR CO PILOTS MAIST LEVEL	EC 12 TEMP AIR OUTLET DE-FUG R/H CABIN	EC 13 TEMP AIR OUTLET DE-FUG L/H CABIN
17 58 33	-176.	.27	277.	3.80	.03	76.	81.	79.	79.	73.	68.	74.
17 58 34	-485.	.43	274.	.04	.04	74.	82.	73.	78.	73.	74.	77.
17 58 43	-222.	.32	296.	.04	.02	76.	81.	75.	79.	72.	71.	76.
17 58 48	-576.	.37	278.	.10	.05	75.	82.	74.	78.	73.	73.	78.
17 58 53	-578.	.31	261.	.12	.02	75.	81.	74.	79.	73.	75.	78.
17 58 58	-667.	.37	286.	.15	.07	75.	80.	74.	79.	73.	77.	80.
17 59 3	-89.	.29	288.	.07	.04	75.	80.	76.	80.	73.	77.	77.
17 59 8	-311.	.25	275.	.04	.06	76.	80.	78.	81.	71.	74.	74.
17 59 13	-133.	.29	281.	.04	.05	75.	81.	76.	80.	72.	76.	77.
17 59 18	311.	.22	289.	.01	.01	75.	82.	73.	79.	74.	77.	81.
17 59 23	44.	.35	285.	.04	.03	76.	83.	75.	80.	74.	76.	77.
17 59 28	-222.	.43	276.	.16	.04	75.	83.	77.	80.	74.	73.	76.
17 59 33	-489.	.21	284.	.03	.02	77.	82.	73.	82.	73.	75.	74.
17 59 38	-644.	.11	306.	.01	.02	78.	82.	75.	82.	77.	77.	78.
18 0 39	-1285.	.01	334.	.18	.04	79.	81.	79.	82.	77.	75.	79.
18 0 44	-1501.	.04	337.	.11	.03	79.	82.	80.	80.	77.	78.	79.
18 0 49	-737856.	.13	326.	.09	.04	79.	82.	80.	80.	77.	79.	80.
18 0 54	-1022.	.12	334.	.01	.01	79.	82.	80.	80.	76.	76.	79.
18 0 59	-1644.	.03	331.	.06	.03	79.	82.	80.	80.	77.	74.	77.
18 1 4	-1733.	.00	326.	.01	.02	79.	82.	80.	80.	77.	78.	79.
18 1 9	-1556.	.13	320.	.03	.03	79.	82.	80.	80.	77.	79.	77.
18 1 14	-737856.	.01	321.	.03	.02	79.	82.	80.	80.	77.	80.	79.
18 1 19	-2001.	.09	315.	.01	.12	78.	81.	80.	80.	77.	83.	82.
18 1 24	-1911.	.10	311.	.07	.09	78.	81.	80.	80.	77.	81.	80.
18 1 29	-1111.	.04	311.	.01	.02	78.	81.	80.	80.	77.	81.	80.
18 1 34	-1596.	.04	312.	.02	.03	78.	82.	80.	80.	77.	81.	80.
18 1 39	-1333.	.01	296.	.07	.05	78.	82.	80.	80.	77.	81.	80.
18 1 44	-1289.	.01	303.	.04	.03	78.	82.	80.	80.	77.	81.	80.
18 1 49	-1067.	.01	304.	.05	.06	79.	82.	80.	80.	77.	81.	80.
18 1 54	-1911.	.00	291.	.10	.03	79.	82.	80.	80.	77.	81.	80.
18 1 59	-1511.	.01	293.	.07	.05	79.	82.	80.	80.	77.	81.	80.
18 2 4	-1378.	.12	194.	.07	.05	79.	82.	80.	80.	77.	81.	80.
18 2 9	-1467.	.10	191.	.15	.04	79.	82.	80.	80.	77.	81.	80.
18 2 14	-737856.	.00	183.	.03	.03	79.	82.	80.	80.	77.	81.	80.
18 2 19	-1844.	.17	179.	.23	.03	79.	82.	80.	80.	77.	81.	80.
18 2 24	-1511.	.14	187.	.30	.03	79.	82.	80.	80.	77.	81.	80.
18 2 29	-2001.	.16	163.	.34	.04	80.	82.	80.	80.	77.	81.	80.
18 2 34	-1644.	.16	171.	.19	.02	80.	82.	80.	80.	77.	81.	80.
18 2 39	-1733.	.10	169.	.10	.03	80.	82.	80.	80.	77.	81.	80.
18 2 44	-1511.	.10	171.	.15	.03	80.	82.	80.	80.	77.	81.	80.
18 2 49	-1644.	.09	167.	.05	.01	80.	82.	80.	80.	77.	81.	80.
18 2 54	-1467.	.07	180.	.03	.05	80.	82.	80.	80.	77.	81.	80.
18 2 59	-1733.	.13	180.	.00	.04	80.	82.	80.	80.	77.	81.	80.
18 3 4	-1600.	.13	174.	.00	.04	80.	82.	80.	80.	77.	81.	80.
18 3 9	-1600.	.13	172.	.03	.03	80.	82.	80.	80.	77.	81.	80.

TIME MM/SS	CS PRESS ALT	EC 1 PRESS CABIN ALT	EC 23 TEMP AIR UPSTR OF JLEED AR REG	EC 92 PRESS DIFF L/H ELECT BAY	EC 93 PRESS DIFF R/H ELECT BAY	EC 4 TEMP AIR PILOTS HEAD LEVEL	EC 5 TEMP AIR PILOTS FOOT LEVEL	EC 7 TEMP AIR PILOTS WAIST LEVEL	EC 8 TEMP AIR CO-PLT HEAD LEVEL	EC 9 TEMP AIR CO PILOTS FOOT LEVEL	EC 11 TEMP AIR CO PILOTS WAIST LEVEL	EC 12 TEMP AIR OUTLET DE-FOG R/H CABIN	EC 13 TEMP AIR OUTLET DE-FOG L/H CABIN
18 22 5	-2080.	3.06	169.	-0.05	.02	74.	74.	77.	75.	75.	73.	71.	76.
18 22 16	-1556.	-0.01	172.	-0.01	.01	74.	76.	76.	77.	74.	74.	74.	77.
18 22 15	-1556.	-0.10	173.	.01	.02	72.	78.	73.	74.	74.	73.	62.	63.
18 22 20	-1511.	-0.13	170.	.01	.03	74.	75.	75.	73.	74.	73.	79.	51.
18 22 25	-667.	-0.12	159.	0.03	.04	73.	76.	74.	78.	73.	74.	76.	60.
18 22 30	-737656.	-0.08	167.	.01	.05	73.	77.	74.	74.	74.	74.	78.	91.
18 22 35	-1289.	-0.01	165.	.01	.03	74.	76.	73.	74.	75.	74.	72.	30.
18 22 40	-1600.	-0.04	164.	.01	.04	73.	78.	73.	77.	75.	74.	73.	32.
18 22 45	-1822.	0.30	162.	0.06	.03	72.	75.	76.	72.	75.	74.	61.	32.
18 22 50	-1644.	-0.05	174.	.03	.04	73.	75.	73.	74.	75.	74.	78.	61.
18 22 55	-1467.	-0.04	156.	.07	.10	71.	78.	73.	70.	65.	74.	64.	65.
18 23 0	-1733.	-0.10	169.	.06	.08	74.	78.	75.	74.	73.	71.	60.	62.

TIME H/M/S	EC 14 TEMP AIR OUTLET OVERHL L/H CABIN	EC 15 TEMP AIR INLET DUCT TEE CABIN	EC 16 TEMP AIR INLET DUCT TEE CABIN	EC 17 TEMP AIR CABIN EXIT	EC 18 TEMP AIR PILOTS PANEL	EC 19 TEMP AIR BEHIND CO-PLT PANEL	EC 20 TEMP SURFAC MINO SHIELD JOTUM	EC 21 TEMP SURFAC MINO SHIELD CENTER	EC 24 PRESS OF JLEED AIR KEG	EC 25 FLOM PRESS OF UPSTRM BLJ AIR	EC 26 TEMP AIR OWNSTR OF SERVICE AIR REG
16 13 3	76.	74.	74.	74.	80.	93.	LJM	LJM	-0.	0.	130.
16 13 8	77.	75.	75.	77.	87.	93.	LJM	LJM	-1.	0.	139.
16 13 13	77.	72.	72.	77.	90.	93.	LJM	LJM	1.	0.	139.
16 13 18	77.	73.	73.	77.	92.	93.	LJM	LJM	0.	0.	134.
16 13 23	76.	73.	73.	77.	92.	93.	LJM	LJM	1.	0.	129.
16 13 28	76.	73.	73.	77.	92.	93.	LJM	LJM	0.	0.	132.
16 13 33	76.	73.	73.	77.	92.	93.	LJM	LJM	0.	0.	138.
16 13 38	76.	73.	73.	77.	92.	93.	LJM	LJM	0.	0.	135.
16 13 43	76.	73.	73.	77.	92.	93.	LJM	LJM	0.	0.	142.
16 13 48	77.	74.	74.	77.	92.	93.	LJM	LJM	0.	0.	141.
16 13 53	76.	74.	74.	77.	92.	93.	LJM	LJM	0.	0.	126.
16 13 58	76.	72.	72.	77.	92.	93.	LJM	LJM	0.	0.	126.
16 20 4	76.	72.	72.	77.	92.	93.	LJM	LJM	0.	0.	132.
16 20 9	76.	72.	72.	77.	92.	93.	LJM	LJM	0.	0.	136.
16 21 26	76.	75.	75.	77.	92.	93.	LJM	LJM	0.	0.	120.
16 21 31	77.	79.	79.	77.	92.	93.	LJM	LJM	0.	0.	123.
16 21 36	76.	75.	75.	77.	92.	93.	LJM	LJM	0.	0.	130.
16 21 41	77.	77.	77.	77.	92.	93.	LJM	LJM	0.	0.	126.
16 21 46	76.	77.	77.	77.	92.	93.	LJM	LJM	0.	0.	139.
16 21 51	76.	77.	77.	77.	92.	93.	LJM	LJM	0.	0.	135.
16 21 56	76.	77.	77.	77.	92.	93.	LJM	LJM	0.	0.	146.
16 22 1	76.	77.	77.	77.	92.	93.	LJM	LJM	0.	0.	143.
16 22 6	76.	77.	77.	77.	92.	93.	LJM	LJM	0.	0.	145.
16 22 11	76.	77.	77.	77.	92.	93.	LJM	LJM	0.	0.	147.
16 22 16	76.	77.	77.	77.	92.	93.	LJM	LJM	0.	0.	145.
16 22 21	76.	77.	77.	77.	92.	93.	LJM	LJM	0.	0.	142.
16 22 26	76.	77.	77.	77.	92.	93.	LJM	LJM	0.	0.	147.
16 22 31	76.	77.	77.	77.	92.	93.	LJM	LJM	0.	0.	165.
16 22 36	76.	77.	77.	77.	92.	93.	LJM	LJM	0.	0.	162.
16 22 41	76.	77.	77.	77.	92.	93.	LJM	LJM	0.	0.	172.
16 22 46	76.	77.	77.	77.	92.	93.	LJM	LJM	0.	0.	167.
16 22 51	76.	77.	77.	77.	92.	93.	LJM	LJM	0.	0.	177.
16 23 1	76.	77.	77.	77.	92.	93.	LJM	LJM	0.	0.	166.
16 23 6	76.	77.	77.	77.	92.	93.	LJM	LJM	0.	0.	173.
16 23 11	76.	77.	77.	77.	92.	93.	LJM	LJM	0.	0.	177.
16 23 16	76.	77.	77.	77.	92.	93.	LJM	LJM	0.	0.	166.
16 23 21	76.	77.	77.	77.	92.	93.	LJM	LJM	0.	0.	181.
16 23 26	76.	77.	77.	77.	92.	93.	LJM	LJM	0.	0.	182.
16 23 31	76.	77.	77.	77.	92.	93.	LJM	LJM	0.	0.	180.
16 23 36	76.	77.	77.	77.	92.	93.	LJM	LJM	0.	0.	182.
16 23 41	76.	77.	77.	77.	92.	93.	LJM	LJM	0.	0.	185.
16 23 46	76.	77.	77.	77.	92.	93.	LJM	LJM	0.	0.	189.
16 23 51	76.	77.	77.	77.	92.	93.	LJM	LJM	0.	0.	194.
16 23 56	76.	77.	77.	77.	92.	93.	LJM	LJM	0.	0.	194.

TIME H/M/S	EL 14 TEMP AIR OUTLET OVERHEAD L/M CABIN	EC 15 TEMP AIR INLET CABIN SENSOR 1-12	EC 16 TEMP AIR INLET DUCT TEE CABIN	EC 17 TEMP AIR 230MM EXIT	EC 18 TEMP AIR BEHIND PILOTS PANEL	EC 19 TEMP AIR BEHIND LO-PLY PANEL	EC 20 TEMP SURFACE WIND SHIELD JITTER	EC 21 TEMP SURFACE WIND SHIELD CENTER	EC 24 PRESS UPSTRM OF BLEED AIR REG	EC 25 FLOW PRESS UPSTRM OF BLU AIR	EC 26 TEMP AIR DOWNSTR OF SERVICE AIR REG
16 38 34	66.	78.	50.	81.	91.	85.	LOW	LOW	37.	1.	267.
16 38 39	54.	71.	35.	77.	93.	85.	LOW	LOW	65.	1.	366.
16 38 44	51.	71.	35.	78.	92.	83.	LOW	LOW	56.	1.	344.
16 38 49	51.	77.	37.	79.	92.	81.	LOW	LOW	34.	1.	369.
16 38 54	51.	76.	37.	80.	91.	79.	LOW	LOW	34.	1.	363.
16 38 59	52.	76.	36.	77.	92.	82.	LOW	LOW	33.	1.	356.
16 39 4	52.	74.	36.	78.	91.	80.	LOW	LOW	33.	1.	368.
16 39 9	51.	71.	37.	76.	90.	84.	LOW	LOW	35.	1.	365.
16 39 14	51.	73.	36.	77.	91.	83.	LOW	LOW	32.	1.	369.
16 39 19	51.	53.	35.	74.	92.	84.	LOW	LOW	17.	1.	370.
16 39 24	51.	63.	36.	75.	91.	84.	LOW	LOW	21.	1.	366.
16 39 29	54.	73.	37.	76.	90.	80.	LOW	LOW	23.	1.	359.
16 39 34	51.	70.	37.	76.	91.	79.	LOW	LOW	24.	1.	353.
16 39 39	52.	63.	37.	74.	91.	82.	LOW	LOW	25.	1.	346.
16 39 44	52.	70.	37.	76.	90.	86.	LOW	LOW	24.	1.	324.
16 39 49	54.	75.	37.	74.	91.	80.	LOW	LOW	23.	1.	336.
16 40 4	54.	74.	37.	75.	90.	80.	LOW	LOW	23.	1.	307.
16 40 9	53.	74.	37.	78.	87.	80.	LOW	LOW	23.	1.	316.
16 40 14	53.	74.	37.	75.	90.	81.	LOW	LOW	23.	1.	314.
16 40 19	51.	74.	37.	78.	90.	79.	LOW	LOW	24.	1.	320.
16 40 24	51.	74.	37.	75.	91.	81.	LOW	LOW	24.	1.	306.
16 40 29	56.	79.	39.	74.	91.	80.	LOW	LOW	24.	1.	293.
16 40 34	57.	79.	38.	76.	91.	77.	LOW	LOW	24.	1.	293.
16 40 39	74.	83.	74.	78.	92.	82.	73.	71.	200.	1.	452.
16 40 44	75.	84.	71.	76.	91.	80.	72.	72.	207.	1.	476.
16 40 49	75.	84.	71.	76.	92.	82.	73.	71.	207.	1.	489.
16 40 54	73.	82.	72.	77.	92.	82.	72.	78.	207.	1.	501.
16 41 3	70.	80.	75.	76.	89.	77.	74.	77.	206.	1.	515.
16 41 8	73.	80.	75.	76.	87.	76.	79.	79.	207.	1.	532.
16 41 13	74.	79.	73.	78.	87.	76.	78.	78.	207.	1.	538.
16 41 18	75.	80.	76.	81.	88.	82.	77.	74.	174.	1.	540.
16 41 23	75.	80.	76.	80.	85.	82.	77.	76.	160.	1.	540.
16 41 28	75.	80.	76.	80.	85.	82.	77.	77.	130.	1.	540.
16 41 33	75.	80.	76.	80.	85.	82.	77.	77.	106.	1.	553.
16 41 38	75.	80.	76.	80.	85.	82.	77.	77.	98.	1.	546.
16 41 43	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 41 48	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 41 53	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 42 3	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 42 8	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 42 13	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 42 18	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 42 23	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 42 28	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 42 33	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 42 38	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 42 43	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 42 48	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 42 53	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 43 3	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 43 8	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 43 13	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 43 18	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 43 23	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 43 28	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 43 33	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 43 38	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 43 43	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 43 48	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 43 53	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 44 3	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 44 8	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 44 13	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 44 18	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 44 23	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 44 28	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 44 33	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 44 38	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 44 43	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 44 48	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 44 53	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 45 3	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 45 8	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 45 13	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 45 18	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 45 23	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 45 28	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 45 33	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 45 38	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 45 43	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 45 48	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 45 53	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 46 3	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 46 8	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 46 13	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 46 18	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 46 23	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 46 28	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 46 33	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 46 38	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 46 43	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 46 48	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 46 53	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 47 3	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 47 8	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 47 13	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 47 18	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 47 23	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 47 28	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 47 33	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 47 38	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 47 43	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 47 48	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 47 53	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 48 3	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 48 8	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 48 13	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 48 18	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 48 23	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 48 28	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 48 33	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 48 38	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 48 43	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 48 48	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 48 53	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 49 3	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 49 8	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 49 13	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 49 18	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 49 23	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 49 28	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 49 33	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 49 38	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 49 43	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 49 48	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 49 53	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 50 3	75.	80.	76.	80.	85.	82.	77.	77.	86.	1.	540.
16 50											

TIME H/M/S	EL 14 TEMP AIR	EL 15 TEMP AIR	EL 16 TEMP AIR	EL 17 TEMP AIR	EL 18 TEMP AIR	EL 19 TEMP AIR	EL 20 TEMP AIR	EL 21 TEMP AIR	EL 22 TEMP AIR	EL 23 TEMP AIR	EL 24 TEMP AIR	EL 25 TEMP AIR	EL 26 TEMP AIR
16 48 34	67.	76.	43.	74.	74.	82.	60.	76.	85.	1.	526.		
16 48 39	65.	73.	45.	74.	74.	79.	70.	78.	85.	1.	508.		
16 48 44	67.	79.	66.	74.	74.	75.	72.	70.	83.	0.	478.		
16 48 49	65.	79.	79.	74.	74.	81.	73.	71.	85.	0.	479.		
16 48 54	73.	84.	106.	74.	74.	61.	68.	74.	85.	1.	496.		
16 48 59	73.	82.	110.	74.	74.	74.	74.	74.	87.	0.	489.		
16 49 4	71.	80.	123.	74.	74.	75.	75.	75.	85.	0.	470.		
16 49 9	77.	80.	129.	74.	74.	73.	78.	79.	81.	1.	431.		
16 49 14	73.	79.	61.	74.	74.	75.	70.	77.	82.	1.	484.		
16 49 19	74.	88.	64.	74.	74.	74.	70.	77.	82.	1.	475.		
16 49 24	69.	84.	48.	74.	74.	80.	73.	69.	82.	1.	458.		
16 49 29	65.	81.	47.	74.	74.	76.	74.	75.	82.	1.	455.		
16 49 34	55.	70.	43.	74.	74.	76.	75.	80.	84.	1.	473.		
16 49 39	56.	79.	61.	74.	74.	75.	75.	80.	84.	1.	467.		
16 49 44	79.	82.	129.	74.	74.	75.	73.	75.	84.	1.	477.		
16 49 49	73.	80.	141.	74.	74.	74.	74.	75.	81.	1.	469.		
16 50 4	94.	83.	171.	74.	74.	77.	74.	75.	82.	1.	474.		
16 50 9	95.	82.	197.	74.	74.	77.	73.	78.	84.	1.	471.		
16 50 14	97.	83.	169.	74.	74.	77.	71.	78.	84.	1.	467.		
16 50 19	93.	88.	91.	74.	74.	75.	63.	80.	80.	1.	442.		
16 50 24	89.	83.	84.	74.	74.	77.	71.	82.	82.	1.	458.		
16 50 29	87.	82.	73.	74.	74.	75.	78.	75.	84.	1.	453.		
16 50 34	86.	83.	87.	74.	74.	75.	74.	68.	84.	1.	405.		
16 50 39	86.	82.	87.	74.	74.	77.	73.	77.	84.	1.	462.		
16 50 44	86.	82.	85.	74.	74.	77.	70.	75.	84.	1.	465.		
16 50 49	86.	82.	85.	74.	74.	77.	70.	75.	84.	1.	449.		
16 50 54	86.	82.	85.	74.	74.	77.	70.	75.	84.	1.	430.		
16 51 0	91.	88.	118.	74.	74.	75.	74.	74.	83.	1.	437.		
16 51 5	92.	88.	125.	74.	74.	75.	74.	75.	85.	0.	450.		
16 51 10	92.	88.	126.	74.	74.	75.	74.	75.	85.	1.	445.		
16 51 15	92.	88.	127.	74.	74.	75.	74.	75.	85.	1.	450.		
16 51 20	92.	88.	128.	74.	74.	75.	74.	75.	85.	1.	448.		
16 51 25	92.	88.	129.	74.	74.	75.	74.	75.	85.	1.	443.		
16 51 30	92.	88.	130.	74.	74.	75.	74.	75.	85.	1.	438.		
16 51 35	92.	88.	131.	74.	74.	75.	74.	75.	85.	1.	439.		
16 51 40	92.	88.	132.	74.	74.	75.	74.	75.	85.	1.	438.		
16 51 45	92.	88.	133.	74.	74.	75.	74.	75.	85.	1.	438.		
16 51 50	92.	88.	134.	74.	74.	75.	74.	75.	85.	1.	438.		
16 51 55	92.	88.	135.	74.	74.	75.	74.	75.	85.	1.	438.		
16 52 0	92.	88.	136.	74.	74.	75.	74.	75.	85.	1.	438.		
16 52 5	92.	88.	137.	74.	74.	75.	74.	75.	85.	1.	438.		
16 52 10	92.	88.	138.	74.	74.	75.	74.	75.	85.	1.	438.		
16 52 15	92.	88.	139.	74.	74.	75.	74.	75.	85.	1.	438.		
16 52 20	92.	88.	140.	74.	74.	75.	74.	75.	85.	1.	438.		
16 52 25	92.	88.	141.	74.	74.	75.	74.	75.	85.	1.	438.		
16 52 30	92.	88.	142.	74.	74.	75.	74.	75.	85.	1.	438.		
16 52 35	92.	88.	143.	74.	74.	75.	74.	75.	85.	1.	438.		
16 52 40	92.	88.	144.	74.	74.	75.	74.	75.	85.	1.	438.		

TIME H/M/S	EC 14 TEMP AIR OUTLET OVERH L/H CABIN	EC 15 TEMP AIR INLET CABIN SENSOR 1-12	EC 16 TEMP AIR INLET DUCT TEE JABIN	EC 17 TEMP AIR CABIN EXIT	EC 18 TEMP AIR BEHIND PILOTS PANEL	EC 19 TEMP AIR BEHIND CO-PLT PANEL	EC 20 TEMP SUFAC WIND SHIELD JUNCTION	EC 21 TEMP SURFAC WIND SHIELD CENTER	LC 24 PRESS UPSTRM OF BLEED AIR NEW	EC 25 FLW PRESS UPSTRM OF BLJ AIR	EC 26 TEMP AIR DOWNSTR OF SERVICE AIR REG
16 52 45	80.	81.	66.	36.	55.	80.	LOM	LOM	LOM	0.	443.
16 52 45	84.	83.	80.	79.	56.	86.	LOM	LOM	LOM	1.	442.
16 52 50	80.	85.	90.	33.	37.	82.	LOM	LOM	LOM	1.	446.
16 52 55	91.	82.	111.	88.	88.	84.	LOM	LOM	LOM	1.	443.
16 53 0	92.	86.	119.	86.	87.	83.	LOM	LOM	LOM	1.	444.
16 53 13	94.	87.	139.	89.	84.	79.	LOM	LOM	LOM	1.	428.
16 53 10	94.	89.	119.	87.	87.	63.	LOM	LOM	LOM	1.	429.
16 53 16	94.	88.	76.	38.	86.	79.	LOM	LOM	LOM	1.	425.
16 53 21	94.	86.	58.	86.	86.	83.	LOM	LOM	LOM	1.	433.
16 53 26	84.	86.	53.	86.	89.	86.	LOM	LOM	LOM	1.	440.
16 53 31	82.	86.	51.	85.	89.	83.	LOM	LOM	LOM	1.	441.
16 53 36	75.	87.	48.	84.	89.	80.	LOM	LOM	LOM	1.	438.
16 53 41	82.	86.	86.	86.	85.	78.	LOM	LOM	LOM	1.	440.
16 53 46	91.	86.	125.	88.	86.	80.	LOM	LOM	LOM	1.	439.
16 53 51	92.	87.	136.	89.	87.	81.	LOM	LOM	LOM	1.	435.
16 53 56	97.	87.	151.	87.	90.	86.	LOM	LOM	LOM	1.	445.
16 54 1	100.	86.	156.	88.	90.	83.	LOM	LOM	LOM	1.	432.
16 54 6	101.	90.	184.	90.	87.	83.	LOM	LOM	LOM	1.	442.
16 54 11	106.	94.	161.	30.	87.	83.	LOM	LOM	LOM	1.	443.
16 54 16	103.	94.	53.	90.	86.	81.	LOM	LOM	LOM	1.	449.
16 54 21	95.	84.	80.	38.	87.	85.	LOM	LOM	LOM	1.	445.
16 54 26	95.	84.	72.	88.	86.	84.	LOM	LOM	LOM	1.	449.
16 54 31	92.	73.	69.	37.	86.	84.	LOM	LOM	LOM	1.	443.
16 54 41	91.	80.	63.	84.	81.	85.	LOM	LOM	LOM	1.	419.
16 54 46	89.	85.	83.	86.	88.	87.	LOM	LOM	LOM	1.	425.
16 54 51	86.	86.	50.	85.	88.	87.	LOM	LOM	LOM	1.	432.
16 54 56	84.	85.	63.	88.	90.	87.	LOM	LOM	LOM	1.	420.
16 55 1	87.	86.	63.	90.	87.	85.	LOM	LOM	LOM	1.	418.
16 55 6	86.	85.	61.	88.	82.	85.	LOM	LOM	LOM	1.	379.
16 55 9	81.	85.	59.	86.	82.	85.	LOM	LOM	LOM	1.	346.
16 55 19	81.	85.	50.	89.	81.	84.	LOM	LOM	LOM	1.	346.
16 55 24	82.	86.	56.	88.	81.	84.	LOM	LOM	LOM	1.	350.
16 55 29	81.	83.	55.	89.	80.	84.	LOM	LOM	LOM	1.	340.
16 55 34	81.	79.	55.	80.	82.	82.	LOM	LOM	LOM	1.	341.
16 55 39	80.	80.	50.	81.	81.	81.	LOM	LOM	LOM	1.	338.
16 55 49	79.	79.	55.	83.	83.	83.	LOM	LOM	LOM	1.	333.
16 55 54	78.	73.	54.	89.	84.	84.	LOM	LOM	LOM	1.	317.
16 55 59	77.	80.	52.	89.	85.	85.	LOM	LOM	LOM	1.	316.
16 56 4	81.	85.	56.	88.	80.	80.	LOM	LOM	LOM	0.	315.
16 57 4	81.	85.	55.	88.	80.	82.	LOM	LOM	LOM	1.	314.
16 57 9	80.	86.	53.	89.	82.	86.	LOM	LOM	LOM	1.	327.
16 57 14	79.	86.	52.	89.	85.	85.	LOM	LOM	LOM	1.	318.
16 57 19	75.	85.	52.	87.	84.	88.	LOM	LOM	LOM	1.	325.
16 57 24	76.	82.	51.	87.	81.	85.	LOM	LOM	LOM	1.	319.
16 57 30	76.	80.	48.	83.	85.	85.	LOM	LOM	LOM	1.	314.
16 57 35	77.	83.	44.	80.	84.	80.	LOM	LOM	LOM	1.	311.
16 57 40	77.	83.	54.	80.	84.	80.	LOM	LOM	LOM	1.	311.

TIME MM/SS	EC 14 TEMP AIR	EC 15 TEMP AIR	EC 16 TEMP AIR	EC 17 TEMP AIR	EC 18 TEMP AIR	EC 19 TEMP AIR	EC 20 TEMP AIR	EC 21 TEMP AIR	EC 22 TEMP AIR	EC 23 TEMP AIR	EC 24 TEMP AIR	EC 25 TEMP AIR	EC 26 TEMP AIR
16 57 45	74.	83.	50.	57.	93.	87.	L0M	L0M	L0M	L0M	24.	1.	310.
16 57 50	75.	84.	50.	88.	93.	83.	L0M	L0M	L0M	L0M	25.	1.	306.
16 57 55	74.	80.	52.	92.	88.	80.	L0M	L0M	L0M	L0M	26.	1.	312.
16 58 0	77.	81.	53.	31.	90.	80.	L0M	L0M	L0M	L0M	25.	1.	309.
16 58 5	72.	83.	53.	37.	90.	80.	L0M	L0M	L0M	L0M	24.	1.	304.
16 58 10	77.	84.	51.	88.	91.	81.	L0M	L0M	L0M	L0M	24.	1.	301.
16 58 15	74.	82.	49.	88.	84.	80.	L0M	L0M	L0M	L0M	24.	1.	298.
16 58 20	74.	80.	49.	88.	85.	85.	L0M	L0M	L0M	L0M	24.	1.	293.
16 58 25	75.	81.	50.	32.	86.	78.	L0M	L0M	L0M	L0M	25.	1.	295.
16 58 30	75.	83.	50.	30.	89.	83.	L0M	L0M	L0M	L0M	25.	1.	294.
16 58 35	74.	78.	51.	30.	90.	82.	L0M	L0M	L0M	L0M	23.	1.	280.
16 58 40	74.	79.	50.	88.	91.	80.	L0M	L0M	L0M	L0M	23.	1.	276.
16 58 45	74.	81.	49.	88.	93.	84.	L0M	L0M	L0M	L0M	25.	1.	294.
16 59 0	74.	83.	50.	31.	92.	80.	L0M	L0M	L0M	L0M	24.	1.	288.
16 59 5	73.	80.	48.	31.	89.	80.	L0M	L0M	L0M	L0M	25.	1.	280.
16 59 10	72.	83.	46.	88.	91.	81.	L0M	L0M	L0M	L0M	25.	1.	284.
16 59 15	72.	76.	46.	39.	90.	79.	L0M	L0M	L0M	L0M	24.	1.	274.
16 59 20	71.	74.	46.	86.	91.	83.	L0M	L0M	L0M	L0M	23.	1.	282.
16 59 25	71.	76.	46.	39.	92.	84.	L0M	L0M	L0M	L0M	24.	1.	281.
16 59 30	74.	81.	48.	31.	90.	82.	L0M	L0M	L0M	L0M	24.	1.	283.
16 59 35	73.	82.	48.	30.	90.	78.	L0M	L0M	L0M	L0M	24.	1.	285.
16 59 40	71.	80.	44.	88.	94.	81.	L0M	L0M	L0M	L0M	24.	1.	276.
16 59 45	71.	79.	47.	90.	94.	87.	L0M	L0M	L0M	L0M	21.	1.	273.
16 59 50	72.	84.	49.	90.	91.	83.	L0M	L0M	L0M	L0M	22.	1.	275.
16 59 55	71.	81.	47.	90.	94.	85.	L0M	L0M	L0M	L0M	27.	1.	284.
17 0 0	73.	83.	48.	30.	92.	81.	L0M	L0M	L0M	L0M	25.	1.	287.
17 45 23	71.	81.	46.	35.	90.	76.	L0M	L0M	L0M	L0M	23.	1.	271.
17 45 28	73.	82.	71.	87.	91.	81.	L0M	L0M	L0M	L0M	23.	1.	270.
17 45 33	69.	80.	70.	86.	91.	77.	L0M	L0M	L0M	L0M	24.	1.	245.
17 45 38	71.	84.	71.	90.	91.	80.	L0M	L0M	L0M	L0M	24.	1.	247.
17 45 43	71.	82.	71.	31.	92.	79.	L0M	L0M	L0M	L0M	21.	1.	239.
17 45 48	71.	84.	63.	30.	91.	78.	L0M	L0M	L0M	L0M	22.	1.	244.
17 45 53	71.	81.	66.	39.	93.	80.	L0M	L0M	L0M	L0M	23.	1.	245.
17 45 58	72.	80.	66.	91.	93.	82.	L0M	L0M	L0M	L0M	23.	1.	257.
17 46 3	71.	80.	71.	30.	90.	80.	L0M	L0M	L0M	L0M	24.	1.	259.
17 46 8	74.	83.	72.	32.	92.	83.	L0M	L0M	L0M	L0M	23.	1.	263.
17 46 13	73.	83.	72.	90.	91.	74.	L0M	L0M	L0M	L0M	21.	1.	269.
17 46 18	63.	82.	73.	31.	91.	80.	L0M	L0M	L0M	L0M	22.	1.	265.
17 46 23	60.	83.	70.	90.	94.	82.	L0M	L0M	L0M	L0M	22.	1.	254.
17 46 28	74.	84.	69.	91.	90.	79.	L0M	L0M	L0M	L0M	22.	1.	263.
17 46 33	73.	81.	60.	91.	90.	79.	L0M	L0M	L0M	L0M	22.	1.	260.
17 46 38	72.	84.	71.	30.	91.	80.	L0M	L0M	L0M	L0M	24.	1.	261.
17 46 43	65.	81.	70.	91.	92.	85.	L0M	L0M	L0M	L0M	25.	1.	245.
17 46 48	70.	81.	69.	30.	91.	82.	L0M	L0M	L0M	L0M	25.	1.	241.
17 46 53	72.	82.	76.	31.	94.	74.	L0M	L0M	L0M	L0M	24.	1.	244.
17 47 7	71.	79.	65.	31.	92.	75.	L0M	L0M	L0M	L0M	24.	1.	242.
17 47 12	71.	79.	69.	30.	93.	84.	L0M	L0M	L0M	L0M	23.	1.	259.
17 47 17	71.	77.	69.	31.	93.	85.	L0M	L0M	L0M	L0M	23.	1.	251.
17 47 22	72.	78.	69.	31.	94.	82.	L0M	L0M	L0M	L0M	22.	1.	254.

TIME M/M/S	EL 14 TEMP AIR OUTLET OVERHE L/M CABIN	EC 15 TEMP AIR INLET CABIN SENSOR 1-12	EC 16 TEMP AIR INLET DUCT TEE CABIN	EC 17 TEMP AIR CABIN EXIT	EC 0 TEMP MASS PILOTS CREW STAT FLOOR	EC 10 TEMP MASS CO-PLI CREW STAT FLOOR	LC 10 TEMP AIR BEHIND PILOTS PANEL	EQ 19 TEMP AIR BEHIND CO-PLI PANEL	EC 20 TEMP SURFAC WIND SAILED BOTTOM	EC 21 TEMP SURFAC WIND SHIELD CENTER	-C 24 PRESS UPSTRM OF BLEED AIR KEG	-EL 25 FLOW PRESS UPSTRM OF BLJ AIR	EC 26 TEMP AIR DOWNSTR OF SERVICE AIR REG
18 22 5	78.	82.	76.	82.	73.	87.	85.	76.	78.	-1.	-0.	123.	
18 22 10	76.	80.	75.	81.	74.	86.	89.	75.	80.	-1.	-0.	124.	
18 22 15	76.	82.	76.	80.	73.	91.	93.	72.	76.	0.	0.	137.	
18 22 20	61.	83.	76.	81.	72.	91.	89.	75.	75.	-2.	0.	127.	
18 22 25	76.	78.	75.	80.	74.	86.	93.	75.	82.	0.	-0.	125.	
18 22 30	78.	81.	76.	80.	75.	89.	92.	73.	77.	-1.	-0.	133.	
18 22 35	79.	79.	77.	84.	75.	87.	74.	82.	78.	1.	0.	130.	
18 22 40	77.	80.	76.	83.	73.	89.	84.	79.	86.	0.	-0.	135.	
18 22 45	79.	84.	76.	82.	76.	96.	90.	76.	73.	0.	-0.	134.	
18 22 50	79.	82.	76.	83.	75.	88.	88.	83.	75.	-1.	-0.	134.	
18 22 55	77.	84.	75.	80.	75.	91.	95.	74.	76.	0.	0.	145.	
18 23 0	75.	84.	77.	82.	74.	90.	91.	75.	77.	0.	-0.	138.	

C COMPUTATOR

TIME H/M/S	EC 27 PRESS TOTAL ONSTR SER AIR PRESS	EC 26 FLOPR ONSTR OF SV REG PV270- PV271	EC 39 PRESS STATIC ONSTR OF PRIMRY HX	EC 25 TEMP AIR UPSTRM OF WATER SEP	EC 44 TEMP AIR INSTR OF JUMP2	EC 45 TEMP AIR INLET ECS TURBIN	EC 46 TEMP AIR OUTLET ECS TURBIN	EC 47 PRESS ECS TURBIN INLET	EC 40 PRESS STATIC ECS TURBIN OUTLET	EC 30 PRESS UPSTRM OF WATER SEP	EC 32 TEMP AIR MAIN CABIN SUPPLY FLUOE	EC 33 PRESS MAIN CABIN AT FLOW TUBE	EC 35 TEMP AIR FNL EQUIP BAY VENTUR
16 13 3	-1.	-5.593	J.	LOM	133.	127.	123.	-0.	.42	-0.29	LOM	.22	LOM
16 53 6	-1.	-6.413	-0.	LOM	143.	129.	119.	-1.	.07	-0.31	LOM	.03	LOM
16 13 13	-1.	-6.334	0.	LOM	117.	132.	123.	1.	.11	-0.22	LOM	-.05	LOM
16 13 31	-1.	-6.334	-0.	LOM	127.	132.	123.	1.	.13	-0.01	LOM	.07	LOM
16 13 20	-1.	-6.491	-0.	LOM	143.	132.	125.	2.	.20	-0.04	LOM	.06	LOM
16 13 33	-1.	-6.334	-0.	LOM	143.	131.	125.	1.	.20	-0.02	LOM	.15	LOM
16 13 33	-1.	-6.508	0.	LOM	142.	133.	124.	2.	.03	-0.02	LOM	.23	LOM
16 13 38	-1.	-6.442	0.	LOM	134.	132.	124.	2.	.12	-0.04	LOM	.12	LOM
16 13 43	-1.	-6.235	0.	LOM	151.	132.	123.	1.	.14	-0.23	LOM	.02	LOM
16 59 40	-1.	-6.315	0.	LOM	150.	131.	124.	1.	.14	-0.22	LOM	.06	LOM
16 13 53	-1.	-6.354	0.	LOM	129.	131.	124.	1.	.23	-0.16	LOM	.10	LOM
16 53 56	-1.	-6.344	0.	LOM	131.	133.	124.	1.	.23	-0.14	LOM	.10	LOM
16 23 4	-1.	-6.250	0.	LOM	133.	132.	124.	2.	.24	-0.10	LOM	.06	LOM
16 23 9	-1.	-6.325	-0.	LOM	138.	131.	124.	1.	.31	-0.18	LOM	.10	LOM
16 21 26	35.	-11.476	0.	LOM	119.	131.	126.	3.	.02	-0.13	LOM	.49	LOM
16 21 31	34.	-11.525	0.	LOM	126.	145.	129.	2.	.11	-0.09	LOM	.43	LOM
16 21 36	32.	-11.028	0.	LOM	133.	145.	134.	0.	.12	-0.18	LOM	.31	LOM
16 21 41	37.	-11.890	0.	LOM	131.	140.	134.	0.	.12	-0.08	LOM	.46	LOM
16 21 46	41.	-11.846	-0.	LOM	130.	145.	132.	2.	.00	-0.06	LOM	.45	LOM
16 21 51	40.	-11.672	-0.	LOM	125.	145.	132.	1.	.14	-0.11	LOM	.41	LOM
16 21 56	40.	-11.807	-0.	LOM	147.	145.	134.	0.	.14	-0.16	LOM	.33	LOM
16 22 1	40.	-11.709	-0.	LOM	135.	144.	132.	0.	.13	-0.02	LOM	.31	LOM
16 22 6	40.	-11.779	0.	LOM	123.	145.	132.	0.	.13	-0.10	LOM	.35	LOM
16 22 11	38.	-11.779	11.	LOM	163.	151.	145.	23.	1.57	.43	LOM	.36	LOM
16 22 16	20.	-11.800	17.	LOM	273.	150.	137.	39.	2.23	1.66	LOM	.43	LOM
16 22 21	20.	-11.807	10.	LOM	265.	150.	135.	36.	2.24	1.62	LOM	.39	LOM
16 22 34	20.	-11.752	16.	LOM	270.	150.	133.	42.	2.27	2.11	LOM	.37	LOM
16 22 36	20.	-11.830	17.	LOM	292.	150.	134.	43.	2.36	2.03	LOM	.34	LOM
16 22 41	19.	-11.900	17.	LOM	263.	150.	130.	39.	2.03	2.09	LOM	.35	LOM
16 22 46	19.	-11.926	17.	LOM	274.	150.	142.	41.	2.03	2.17	LOM	.47	LOM
16 22 51	19.	-12.063	17.	LOM	263.	150.	140.	41.	2.03	2.03	LOM	.40	LOM
16 22 56	19.	-11.945	17.	LOM	253.	150.	139.	44.	3.01	2.03	LOM	.43	LOM
16 23 1	19.	-12.141	17.	LOM	263.	150.	130.	43.	3.01	2.03	LOM	.42	LOM
16 23 9	19.	-12.172	17.	LOM	253.	150.	130.	41.	2.03	2.35	LOM	.43	LOM
16 23 6	19.	-11.807	16.	LOM	250.	151.	139.	43.	2.32	2.33	LOM	.41	LOM
16 23 11	19.	-11.945	16.	LOM	273.	151.	140.	43.	2.32	2.17	LOM	.35	LOM
16 23 16	19.	-12.063	17.	LOM	271.	150.	140.	43.	3.03	2.20	LOM	.41	LOM
16 23 21	21.	-11.920	18.	LOM	264.	150.	132.	42.	3.03	2.56	LOM	.37	LOM
16 23 26	20.	-11.877	18.	LOM	257.	150.	132.	42.	3.21	2.60	LOM	.41	LOM
16 23 32	20.	-11.826	18.	LOM	263.	154.	132.	43.	3.34	2.53	LOM	.37	LOM
16 23 37	20.	-11.826	18.	LOM	253.	154.	133.	40.	3.32	2.73	LOM	.46	LOM
16 23 42	19.	-11.900	17.	LOM	253.	152.	135.	36.	2.58	2.21	LOM	.41	LOM
16 23 47	18.	-12.005	14.	LOM	244.	153.	136.	36.	2.55	2.21	LOM	.44	LOM
16 23 52	18.	-11.945	14.	LOM	27.	152.	136.	36.	2.55	2.43	LOM	.45	LOM

TIME
H/M/S
05

EC 27	EC 20	EC 39	EC 29	EC 44	EC 45	EC 46	EC 47	EC 49	EC 30	EC 32	EC 33	EC 35
RESS TOTAL SER AIR PRESS	FLOWSK JUNSTR OF SV REG PY274- PY274	PRESS STATIC DYNSTR OF PRIMRY AIR	TEMP AIR UPSTRM OF WATER SEP	TEMP AIR JUNSTR OF COMPR TURBIN	TEMP AIR INLET ECS TURBIN	TEMP AIR OUTLET ECS TURBIN	PRESS ECS TURBIN INLET	PRESS STATIC ECS TURBIN OUTLET	PRESS UPSTRM OF WATER SEP	TEMP AIR MAIN CABIN SUPPLY FLUTE	PRESS MAIN CABIN AT FLUM TUBE	TEMP AIR FNU EQUIP DAY VENTUR
16 38 34	-6.012	34.	LOM	326.	137.	41.	52.	4.31	3.09	LOM	.68	LOM
16 38 39	-.215	61.	LOM	381.	150.	46.	67.	6.14	4.05	LOM	1.15	LOM
16 38 44	-.313	45.	LOM	390.	160.	45.	59.	5.51	3.67	LOM	.91	LOM
16 38 49	-.090	29.	LOM	384.	153.	43.	60.	4.93	3.66	LOM	.80	LOM
16 38 54	-.059	29.	LOM	395.	154.	42.	62.	4.91	3.64	LOM	.79	LOM
16 38 59	-.150	29.	LOM	383.	152.	42.	63.	5.06	3.66	LOM	.82	LOM
16 39 4	-.137	29.	LOM	395.	152.	43.	62.	4.17	3.58	LOM	.71	LOM
16 39 9	-.156	29.	LOM	411.	157.	40.	52.	5.04	3.44	LOM	.86	LOM
16 39 14	-.117	27.	LOM	332.	156.	41.	54.	4.40	3.03	LOM	.70	LOM
16 39 19	-.170	14.	LOM	357.	153.	46.	26.	1.94	1.94	LOM	.27	LOM
16 39 24	-.180	18.	LOM	353.	154.	40.	35.	2.44	2.47	LOM	.44	LOM
16 39 29	-.117	21.	LOM	346.	163.	35.	45.	3.01	2.64	LOM	.53	LOM
16 39 34	-.078	21.	LOM	343.	152.	35.	46.	3.00	2.62	LOM	.54	LOM
16 39 39	-.313	21.	LOM	349.	153.	31.	48.	3.13	2.72	LOM	.43	LOM
16 39 44	-.196	21.	LOM	340.	154.	32.	47.	3.10	2.68	LOM	.45	LOM
16 39 49	-.039	19.	LOM	334.	154.	35.	47.	3.43	2.82	LOM	.61	LOM
16 39 54	-.158	20.	LOM	316.	154.	34.	47.	3.34	2.83	LOM	.55	LOM
16 40 4	-.059	21.	LOM	327.	154.	33.	48.	3.34	2.85	LOM	.47	LOM
16 40 9	-.039	21.	LOM	323.	152.	32.	49.	3.33	2.50	LOM	.47	LOM
16 40 14	-.078	20.	LOM	294.	151.	35.	49.	3.23	2.85	LOM	.55	LOM
16 40 19	-.096	20.	LOM	293.	152.	35.	49.	3.30	2.87	LOM	.66	LOM
16 40 24	-.000	20.	LOM	310.	153.	33.	47.	3.41	2.87	LOM	.43	LOM
16 40 29	-.088	20.	LOM	307.	151.	34.	47.	3.32	2.87	LOM	.43	LOM
16 40 34	-.156	21.	LOM	303.	151.	37.	49.	3.34	2.83	LOM	.47	LOM
16 40 39	-.147	20.	LOM	306.	151.	38.	49.	3.42	2.82	LOM	.55	LOM
16 40 44	-.176	75.	LOM	453.	153.	42.	62.	4.26	3.44	LOM	1.37	LOM
16 40 49	-.106	79.	LOM	465.	153.	42.	62.	4.23	3.40	LOM	1.37	LOM
16 40 54	0.000	79.	LOM	449.	153.	43.	62.	4.34	3.15	LOM	1.31	LOM
16 41 3	-.370	79.	LOM	467.	154.	43.	66.	4.43	3.35	LOM	1.35	LOM
16 41 8	-.156	79.	LOM	507.	155.	42.	65.	4.44	3.42	LOM	1.43	LOM
16 41 13	-.117	79.	LOM	501.	156.	41.	66.	4.33	3.41	LOM	1.33	LOM
16 41 18	-.020	80.	LOM	497.	156.	40.	67.	4.30	3.47	LOM	1.31	LOM
16 41 23	-.176	81.	LOM	531.	157.	42.	67.	4.43	3.52	LOM	1.27	LOM
16 41 28	-.156	81.	LOM	525.	157.	42.	67.	4.27	3.58	LOM	1.47	LOM
16 41 33	-.215	79.	LOM	535.	159.	43.	64.	4.16	3.52	LOM	1.34	LOM
16 41 38	-.166	77.	LOM	525.	159.	41.	62.	4.33	3.37	LOM	1.15	LOM
16 41 43	0.039	75.	LOM	525.	159.	37.	65.	4.33	3.26	LOM	1.22	LOM
16 41 48	0.039	73.	LOM	513.	159.	39.	67.	4.55	3.42	LOM	1.30	LOM
16 41 53	-.254	71.	LOM	488.	154.	40.	70.	4.03	3.68	LOM	1.37	LOM
16 41 58	-.147	72.	LOM	484.	152.	39.	69.	4.57	3.55	LOM	1.30	LOM
16 42 3	-.235	73.	LOM	482.	154.	40.	64.	4.54	3.40	LOM	1.23	LOM
16 42 8	-.176	71.	LOM	483.	155.	41.	74.	4.43	3.40	LOM	1.42	LOM
16 42 13	-.176	71.	LOM	479.	155.	41.	74.	4.43	3.40	LOM	1.42	LOM
16 42 18	-.166	73.	LOM	485.	155.	42.	77.	4.55	4.26	LOM	1.51	LOM
16 42 23	-.235	75.	LOM	484.	157.	42.	77.	4.55	4.26	LOM	1.37	LOM
16 42 28	-.127	75.	LOM	453.	157.	42.	77.	4.55	4.26	LOM	1.37	LOM
16 42 33	-.127	75.	LOM	453.	157.	42.	77.	4.55	4.26	LOM	1.37	LOM

TIME H/M/S	EC 27 PRESS TOTAL DINSTR SER AIR PRESS	EC 26 FLOPR JINSTR OF SV REG PV274	EC 39 PRESS STATIC JINSTR OF PRIMARY MX	EC 29 TEMP AIR UPSTRM OF WATER SEP	EC 44 TEMP AIR JINSTR OF JUMPR	EC 45 TEMP AIR INLET ECS TURJIN	EC 46 TEMP AIR OUTLET ECS TURJIN	EC 47 PRESS ECS TURJIN INLET	EC 49 PRESS STATIC ECS TURJIN OUTLET	EC 31 PRESS UPSTRM OF WATER SEP	EC 32 TEMP AIR MAIN CASIN SUPPLY FLUDE	EC 33 PRESS MAIN CASIN AT FLOW TUBE	EC 35 TEMP AIR FWO EQUIP DAY VENTUR
16 48 34	47.	-0.090	73.	37.	440.	196.	42.	59.	4.59	3.56	41.	1.23	37.
16 48 39	47.	-0.108	74.	36.	450.	196.	42.	63.	4.66	3.63	41.	1.38	37.
16 48 44	47.	-0.039	75.	39.	452.	199.	37.	64.	4.77	3.50	79.	1.39	38.
16 48 49	47.	0.000	75.	39.	447.	199.	37.	64.	4.10	3.38	102.	1.34	38.
16 48 54	48.	-0.196	76.	40.	418.	197.	37.	60.	3.73	3.19	133.	1.23	38.
16 48 59	48.	-0.070	76.	39.	420.	197.	41.	59.	3.56	3.08	137.	1.12	39.
16 49 4	48.	-0.156	76.	41.	423.	195.	41.	54.	3.11	3.01	147.	1.06	40.
16 49 9	48.	-0.098	72.	37.	426.	195.	38.	59.	2.95	3.84	111.	1.18	39.
16 49 14	47.	-0.039	70.	35.	439.	200.	43.	91.	7.12	5.43	45.	1.96	39.
16 49 19	47.	-0.080	71.	37.	450.	201.	41.	87.	6.71	5.21	42.	1.83	37.
16 49 29	47.	-0.039	73.	35.	467.	203.	39.	83.	5.01	4.69	43.	1.56	38.
16 49 34	46.	-0.060	73.	36.	466.	203.	42.	81.	5.81	4.68	43.	1.63	38.
16 49 39	46.	-0.117	73.	40.	453.	202.	43.	81.	5.84	4.69	44.	1.72	37.
16 49 44	46.	-0.137	72.	40.	450.	205.	39.	72.	5.08	5.10	82.	1.75	38.
16 49 49	47.	-0.235	73.	41.	442.	205.	40.	67.	2.83	4.53	173.	2.01	37.
16 49 54	48.	-0.196	74.	42.	446.	203.	41.	60.	3.77	4.73	103.	2.18	39.
16 49 59	48.	-0.059	74.	42.	446.	203.	46.	61.	4.77	4.11	204.	1.80	40.
16 50 4	48.	-0.147	74.	44.	403.	204.	45.	58.	4.05	4.01	239.	1.78	40.
16 50 9	48.	-0.156	74.	44.	403.	204.	47.	54.	4.33	3.83	221.	1.86	41.
16 50 14	48.	-0.098	72.	40.	414.	203.	43.	63.	4.87	4.13	158.	1.76	41.
16 50 19	48.	0.000	71.	36.	455.	203.	37.	82.	3.79	4.57	48.	1.72	39.
16 50 24	48.	-0.049	73.	38.	452.	205.	32.	78.	2.35	4.23	54.	1.56	36.
16 50 29	48.	-0.039	75.	39.	439.	205.	36.	68.	4.44	3.62	53.	1.43	39.
16 50 34	47.	-0.039	75.	38.	445.	205.	35.	67.	4.31	3.41	54.	1.30	39.
16 50 39	47.	-0.156	75.	39.	435.	207.	33.	70.	4.05	3.44	53.	1.21	37.
16 50 40	47.	-0.137	75.	38.	430.	206.	37.	70.	4.19	3.36	59.	1.22	38.
16 50 45	48.	-0.137	76.	39.	429.	203.	37.	65.	4.03	3.26	93.	1.17	39.
16 50 50	48.	-0.070	76.	41.	432.	206.	38.	62.	3.97	3.20	108.	1.21	39.
16 50 55	49.	-0.048	77.	41.	428.	203.	40.	58.	3.88	2.91	144.	1.17	41.
16 51 0	48.	-0.137	77.	43.	425.	205.	44.	58.	3.54	2.83	133.	1.14	41.
16 51 13	48.	-0.117	77.	49.	413.	206.	42.	52.	3.42	2.51	102.	1.15	42.
16 51 18	48.	-0.060	72.	42.	422.	205.	39.	70.	4.77	3.94	129.	1.31	41.
16 51 23	47.	-0.039	69.	34.	439.	208.	39.	91.	5.88	5.57	40.	2.09	36.
16 51 28	47.	-0.066	71.	37.	437.	210.	37.	88.	5.32	5.12	44.	1.92	37.
16 51 33	47.	-0.090	71.	36.	454.	210.	42.	85.	3.94	4.63	42.	1.70	37.
16 51 38	47.	-0.127	72.	36.	403.	212.	35.	83.	2.85	4.75	42.	1.72	37.
16 51 43	47.	-0.020	72.	36.	471.	211.	39.	82.	2.81	4.56	42.	1.76	37.
16 51 48	47.	-0.176	72.	36.	407.	213.	38.	77.	5.82	4.80	42.	1.96	37.
16 51 53	48.	-0.070	73.	36.	440.	214.	38.	63.	5.01	4.54	42.	1.86	37.
16 51 58	48.	-0.156	74.	36.	440.	213.	46.	66.	5.34	4.42	42.	1.95	37.
16 52 0	48.	-0.045	74.	36.	421.	211.	46.	61.	4.81	3.57	42.	1.96	37.
16 52 05	49.	-0.342	74.	36.	430.	210.	48.	58.	4.61	3.87	42.	1.88	37.
16 52 10	48.	-0.039	75.	36.	423.	214.	49.	56.	4.20	3.75	42.	1.60	37.
16 52 15	48.	-0.108	72.	36.	436.	212.	43.	72.	5.15	4.43	42.	1.74	37.
16 52 20	48.	-0.196	72.	36.	440.	214.	38.	78.	5.40	4.26	42.	1.74	37.
16 52 25	48.	-0.176	73.	36.	441.	214.	38.	75.	5.01	4.04	42.	1.82	37.
16 52 30	48.	-0.090	70.	36.	447.	214.	42.	69.	4.26	3.52	42.	1.23	37.
16 52 35	48.	-0.078	75.	36.	439.	215.	42.	63.	4.27	3.46	42.	1.17	37.
16 52 40	47.	0.000	74.	36.	442.	214.	42.	68.	4.15	3.60	42.	1.31	37.

TIME H/M/S	EC 27 PRESS TOTAL OWNSTR SER AIR PRESS	EC 28 FLOPK OWNSTR OF SV REG PY273- PY274	EC 39 PRESS STATIC OWNSTR OF PRIMRY HX	EC 23 TEMP AIR UPSTRM OF WATER SEP	EC 44 TEMP AIR JMNSTR OF COMPR	EC 45 TEMP AIR INLET ECS TURJIN	EC 46 TEMP AIR OUTLET ECS TURJIN	EC 47 PRESS ECS TURBIN INLET	EC 48 PRESS STATIC ECS TURBIN OUTLET	EC 30 PRESS UPSTRM OF WATER SEP	EC 32 TEMP AIR MAIN CABIN SUPPLY FLUVE	EC 33 PRESS MAIN CABIN AT FLOW TUBE	EC 35 TEMP AIR FWD EQUIP BAY VENTUR
16 52 45	47.	0.000	75.	LOW	445.	213.	35.	60.	4.14	3.57	LOW	1.24	LOW
16 52 45	47.	-0.117	76.	LOW	420.	213.	40.	62.	4.11	3.21	LOW	1.33	LOW
16 52 50	47.	-0.076	76.	LOW	423.	213.	42.	60.	3.94	3.13	LOW	1.23	LOW
16 52 55	46.	-0.156	76.	LOW	435.	216.	42.	60.	3.00	2.97	LOW	1.11	LOW
16 53 00	46.	-0.376	76.	LOW	428.	213.	47.	57.	3.53	2.80	LOW	1.06	LOW
16 53 13	46.	-0.078	77.	LOW	411.	213.	50.	53.	3.25	2.85	LOW	1.02	LOW
16 53 16	46.	-0.086	77.	LOW	403.	213.	50.	53.	3.47	3.91	LOW	1.14	LOW
16 53 21	47.	-0.072	77.	LOW	445.	217.	35.	59.	3.92	5.69	LOW	2.11	LOW
16 53 26	47.	-0.039	77.	LOW	445.	216.	38.	32.	3.45	4.43	LOW	1.84	LOW
16 53 31	47.	-0.088	77.	LOW	463.	220.	35.	84.	3.70	4.70	LOW	1.75	LOW
16 53 36	47.	-0.156	73.	LOW	464.	219.	40.	85.	3.57	4.52	LOW	1.76	LOW
16 53 41	47.	-0.038	72.	LOW	473.	213.	40.	81.	3.85	4.89	LOW	2.10	LOW
16 53 46	46.	-0.059	72.	LOW	450.	219.	48.	67.	3.30	4.62	LOW	2.21	LOW
16 53 51	46.	-0.088	73.	LOW	440.	222.	43.	64.	4.05	4.10	LOW	1.96	LOW
16 53 56	46.	-0.233	74.	LOW	443.	222.	43.	64.	4.05	4.13	LOW	1.87	LOW
16 54 01	49.	-0.225	75.	LOW	432.	219.	41.	61.	4.70	4.13	LOW	1.78	LOW
16 54 06	46.	-0.090	75.	LOW	409.	219.	51.	55.	4.30	3.42	LOW	1.55	LOW
16 54 11	46.	-0.127	73.	LOW	423.	219.	49.	54.	4.54	3.49	LOW	1.70	LOW
16 54 16	47.	-0.078	71.	LOW	460.	219.	37.	54.	3.31	4.65	LOW	2.39	LOW
16 54 21	47.	-0.059	72.	LOW	440.	219.	44.	75.	3.90	4.95	LOW	3.34	LOW
16 54 26	47.	-0.080	73.	LOW	433.	219.	42.	77.	3.30	5.36	LOW	3.22	LOW
16 54 31	47.	-0.088	73.	LOW	442.	220.	40.	74.	4.75	3.91	LOW	1.33	LOW
16 54 36	49.	-0.098	74.	LOW	442.	221.	40.	74.	4.75	3.91	LOW	1.17	LOW
16 54 41	49.	-0.137	35.	LOW	440.	220.	42.	69.	4.28	3.30	LOW	0.90	LOW
16 54 46	49.	-0.093	30.	LOW	431.	226.	42.	64.	3.95	3.13	LOW	0.81	LOW
16 54 51	49.	-0.156	20.	LOW	410.	216.	42.	47.	2.00	2.54	LOW	0.35	LOW
16 55 06	24.	-0.156	20.	LOW	384.	217.	55.	47.	2.02	2.63	LOW	0.35	LOW
16 55 11	24.	-0.078	20.	LOW	378.	219.	52.	49.	4.95	2.70	LOW	0.43	LOW
16 55 16	23.	-0.108	20.	LOW	353.	216.	51.	49.	3.10	2.71	LOW	0.43	LOW
16 55 19	23.	-0.196	20.	LOW	322.	210.	46.	50.	3.34	2.48	LOW	0.45	LOW
16 55 24	23.	-0.205	20.	LOW	324.	210.	52.	50.	3.23	2.65	LOW	0.44	LOW
16 55 29	23.	-0.215	21.	LOW	335.	211.	46.	52.	3.25	2.89	LOW	0.55	LOW
16 55 34	23.	-0.127	21.	LOW	333.	210.	45.	53.	3.24	2.85	LOW	0.56	LOW
16 55 39	23.	-0.117	20.	LOW	322.	207.	51.	50.	3.32	2.85	LOW	0.41	LOW
16 55 44	23.	-0.176	20.	LOW	313.	207.	51.	51.	3.32	2.91	LOW	0.40	LOW
16 55 49	23.	-0.137	20.	LOW	323.	205.	51.	50.	3.20	2.95	LOW	0.43	LOW
16 55 54	23.	-0.137	20.	LOW	323.	207.	49.	49.	3.23	2.91	LOW	0.41	LOW
16 55 59	23.	-0.145	20.	LOW	323.	207.	49.	49.	3.23	2.87	LOW	0.57	LOW
16 56 04	23.	-0.342	20.	LOW	323.	206.	51.	50.	3.32	2.84	LOW	0.56	LOW
16 56 09	23.	-0.078	20.	LOW	323.	204.	47.	53.	3.25	2.74	LOW	0.57	LOW
16 56 14	23.	-0.156	20.	LOW	313.	204.	47.	52.	3.25	2.77	LOW	0.51	LOW
16 56 19	23.	-0.156	20.	LOW	299.	206.	46.	47.	3.31	2.87	LOW	0.51	LOW
16 56 24	23.	-0.117	20.	LOW	312.	206.	46.	50.	3.25	2.85	LOW	0.48	LOW
16 56 29	23.	-0.196	20.	LOW	303.	201.	43.	52.	3.30	2.85	LOW	0.43	LOW
16 56 34	23.	-0.086	20.	LOW	317.	201.	46.	52.	3.25	2.85	LOW	0.52	LOW
16 56 39	23.	-0.076	20.	LOW	299.	203.	49.	50.	3.14	2.81	LOW	0.39	LOW
16 56 44	23.	-0.076	20.	LOW	304.	203.	49.	51.	3.20	2.90	LOW	0.46	LOW

TIME MM/SS	EL 27 PRESS TOTAL SER AIR PRESS	EL 29 FLOWPR JHNSIK OF SV REG PY270- PY274	EL 39 PRESS STATIC JHNSIK OF PRIMRY HX	EL 23 TEMP AIR UPSTRM OF WATER SEP	EL 44 TEMP AIR JHNSIK OF COMPR	EL 40 TEMP AIR INLET ECS TURBIN	LC 46 TEMP AIR OUTLET ECS TURBIN	EL 47 PRESS ECS TURBIN INLET	EL 45 PRESS STATIC ECS TURBIN OUTLET	EL 35 PRESS LPSTRM OF WATER SEP	EL 32 TEMP AIR MAIN CABIN SUPPLY FLUEGE	EL 33 PRESS MAIN CABIN AT FLUM TUBE	EL 35 TEMP AIR FWD EQUIP BAY VENTUR
16 57 45	23.	-0.23	20.	LOW	304.	212.	+0.	43.	3.23	2.75	LOW	.45	LOW
16 57 50	23.	-0.215	20.	LOW	304.	210.	+0.	50.	3.27	2.83	LOW	.51	LOW
16 57 55	23.	-0.117	20.	LOW	320.	199.	50.	51.	3.25	2.50	LOW	.51	LOW
16 58 00	23.	-0.117	20.	LOW	314.	200.	+5.	52.	3.27	2.72	LOW	.45	LOW
16 58 05	23.	-0.059	19.	LOW	304.	230.	+7.	41.	3.13	2.76	LOW	.45	LOW
16 58 10	23.	-0.352	20.	LOW	304.	230.	+7.	51.	3.15	2.83	LOW	.63	LOW
16 58 15	23.	-0.090	20.	LOW	309.	197.	+9.	51.	3.25	2.72	LOW	.51	LOW
16 58 20	23.	-0.353	20.	LOW	309.	197.	+8.	52.	3.25	2.77	LOW	.47	LOW
16 58 25	23.	-0.176	19.	LOW	301.	199.	+0.	50.	3.25	2.60	LOW	.42	LOW
16 58 30	23.	-0.232	20.	LOW	301.	198.	+4.	50.	3.25	2.86	LOW	.61	LOW
16 58 35	23.	-0.190	20.	LOW	320.	193.	+2.	49.	3.20	2.62	LOW	.57	LOW
16 58 40	23.	-0.205	20.	LOW	301.	196.	+3.	50.	3.13	2.81	LOW	.55	LOW
16 58 45	23.	-0.205	19.	LOW	319.	198.	+0.	51.	3.32	2.73	LOW	.56	LOW
16 58 50	23.	-0.059	20.	LOW	309.	197.	+1.	50.	3.30	2.76	LOW	.41	LOW
16 58 55	23.	-0.059	20.	LOW	312.	194.	50.	51.	3.13	2.64	LOW	.52	LOW
16 59 00	23.	-0.039	20.	LOW	312.	195.	+6.	50.	3.20	2.56	LOW	.47	LOW
16 59 05	23.	-0.137	20.	LOW	312.	194.	+2.	50.	3.23	2.73	LOW	.53	LOW
16 59 10	23.	-0.080	19.	LOW	313.	193.	+2.	50.	3.11	2.89	LOW	.51	LOW
16 59 15	23.	-0.150	19.	LOW	314.	192.	45.	50.	3.21	2.84	LOW	.53	LOW
16 59 20	23.	-0.170	20.	LOW	312.	194.	39.	51.	3.30	2.95	LOW	.02	LOW
16 59 25	23.	-0.156	20.	LOW	312.	193.	+1.	52.	3.24	2.86	LOW	.26	LOW
16 59 30	23.	-0.059	20.	LOW	315.	190.	50.	52.	3.25	2.72	LOW	.47	LOW
16 59 35	23.	-0.039	20.	LOW	303.	190.	43.	52.	3.25	2.56	LOW	.46	LOW
16 59 40	23.	-0.078	20.	LOW	305.	193.	43.	49.	3.25	2.67	LOW	.45	LOW
16 59 45	23.	-0.176	20.	LOW	307.	192.	42.	50.	3.24	2.87	LOW	.48	LOW
16 59 50	23.	-0.088	20.	LOW	315.	189.	46.	50.	3.23	2.74	LOW	.61	LOW
16 59 55	23.	-0.117	20.	LOW	315.	189.	+6.	48.	3.23	2.83	LOW	.55	LOW
17 00 00	23.	-0.156	20.	LOW	315.	189.	32.	45.	3.17	2.58	LOW	.63	LOW
17 00 05	23.	-0.176	19.	LOW	205.	195.	34.	43.	3.21	2.60	LOW	.65	LOW
17 00 10	23.	-0.108	19.	LOW	268.	154.	36.	43.	3.21	2.91	LOW	.72	LOW
17 00 15	23.	-0.254	20.	LOW	300.	154.	35.	43.	3.23	2.85	LOW	.65	LOW
17 00 20	23.	-0.203	20.	LOW	283.	153.	39.	48.	3.25	2.53	LOW	.70	LOW
17 00 25	23.	-0.254	20.	LOW	298.	153.	37.	48.	3.10	2.83	LOW	.59	LOW
17 00 30	23.	-0.166	20.	LOW	283.	153.	40.	49.	2.87	2.74	LOW	.56	LOW
17 00 35	23.	-0.235	20.	LOW	283.	150.	33.	49.	2.92	2.81	LOW	.51	LOW
17 00 40	23.	-0.283	19.	LOW	279.	151.	34.	49.	3.11	3.11	LOW	.55	LOW
17 00 45	23.	-0.117	19.	LOW	283.	152.	36.	47.	3.16	3.06	LOW	.53	LOW
17 00 50	23.	-0.136	19.	LOW	286.	155.	32.	45.	3.21	2.65	LOW	.55	LOW
17 00 55	23.	-0.376	19.	LOW	283.	155.	37.	46.	3.24	2.85	LOW	.55	LOW
17 01 00	23.	-0.166	19.	LOW	283.	153.	39.	47.	3.23	2.68	LOW	.65	LOW
17 01 05	23.	-0.117	20.	LOW	283.	153.	38.	47.	3.07	2.82	LOW	.70	LOW
17 01 10	23.	-0.215	20.	LOW	273.	154.	39.	46.	3.34	2.52	LOW	.70	LOW
17 01 15	23.	-0.147	19.	LOW	261.	153.	36.	46.	3.03	2.53	LOW	.76	LOW
17 01 20	23.	-0.150	19.	LOW	263.	152.	35.	48.	3.11	2.65	LOW	.76	LOW
17 01 25	23.	-0.293	20.	LOW	280.	152.	34.	46.	3.01	2.73	LOW	.55	LOW
17 01 30	23.	-0.293	20.	LOW	273.	154.	34.	45.	3.11	2.68	LOW	.65	LOW
17 01 35	23.	-0.205	19.	LOW	278.	154.	34.	44.	3.03	2.73	LOW	.65	LOW
17 01 40	23.	-0.333	19.	LOW	270.	153.	34.	44.	3.21	2.66	LOW	.61	LOW
17 01 45	23.	-0.137	19.	LOW	293.	152.	39.	48.	3.21	2.66	LOW	.61	LOW
17 01 50	23.	-0.150	20.	LOW	293.	152.	39.	48.	3.21	2.66	LOW	.61	LOW

TIME	EC 27	EC 28	EC 39	EC 29	EC 44	EC 45	EC 46	EC 47	EC 48	EC 49	EC 50	EC 51	EC 52	EC 53	EC 54
H/M/S	RESS	FLOMR	STAT	TEMP	TEMP	TEMP	TEMP	TEMP	TEMP	TEMP	TEMP	TEMP	TEMP	TEMP	TEMP
05	TOTAL	FLOMR	STAT	AIR	AIR	AIR	AIR	AIR	AIR	AIR	AIR	AIR	AIR	AIR	AIR
	DWSTR	OF	DWSTR	UPSTRM	JNSTR	INLET	OUTLET	TURBIN	TURBIN	TURBIN	TURBIN	TURBIN	TURBIN	TURBIN	TURBIN
	SER	SV REG	OF	OF	OF	OF	OF	INLET	INLET	INLET	INLET	INLET	INLET	INLET	INLET
	AIR	PI270-	PRIMRY	WATER	COMP	TURBIN	TURBIN	INLET	INLET	INLET	INLET	INLET	INLET	INLET	INLET
	PRESS	PI274	WK	SEP	COMP	TURBIN	TURBIN	INLET	INLET	INLET	INLET	INLET	INLET	INLET	INLET
17 58 33	22.	0.59	20.	LOW	280.	152.	36.	48.	3.28	2.82	LOM	0.4	LOM	LOM	LOM
17 58 38	21.	0.293	20.	LOW	286.	153.	39.	49.	3.34	2.97	LOM	0.53	LOM	LOM	LOM
17 58 43	21.	0.293	20.	LOW	286.	154.	41.	48.	3.22	2.79	LOM	0.64	LOM	LOM	LOM
17 58 48	21.	0.315	20.	LOW	301.	154.	37.	47.	2.95	2.83	LOM	0.49	LOM	LOM	LOM
17 58 53	22.	0.274	20.	LOW	317.	157.	37.	44.	2.91	2.73	LOM	0.47	LOM	LOM	LOM
17 58 58	23.	0.254	21.	LOW	344.	150.	43.	45.	2.85	2.62	LOM	0.51	LOM	LOM	LOM
17 59 3	24.	0.254	21.	LOW	357.	151.	41.	45.	2.74	2.56	LOM	0.56	LOM	LOM	LOM
17 59 8	23.	0.215	20.	LOW	389.	153.	44.	44.	2.70	2.54	LOM	0.55	LOM	LOM	LOM
17 59 13	22.	0.274	20.	LOW	381.	154.	42.	45.	2.84	2.57	LOM	0.53	LOM	LOM	LOM
17 59 18	24.	0.039	22.	LOW	386.	169.	38.	46.	2.75	2.54	LOM	0.61	LOM	LOM	LOM
17 59 23	24.	0.039	22.	LOW	375.	156.	40.	47.	2.85	2.51	LOM	0.45	LOM	LOM	LOM
17 59 28	23.	0.098	21.	LOW	355.	157.	40.	49.	3.01	2.89	LOM	0.41	LOM	LOM	LOM
17 59 33	23.	0.147	21.	LOW	346.	157.	39.	47.	2.93	2.77	LOM	0.58	LOM	LOM	LOM
17 59 38	23.	0.254	21.	LOW	342.	155.	34.	48.	2.87	2.60	LOM	0.65	LOM	LOM	LOM
18 0 39	12.	0.156	10.	LOW	295.	151.	54.	24.	1.53	1.21	LOM	0.41	LOM	LOM	LOM
18 0 44	1.	0.254	0.	LOW	274.	158.	84.	1.	0.06	0.04	LOM	0.29	LOM	LOM	LOM
18 0 49	1.	0.156	0.	LOW	256.	152.	83.	1.	0.17	0.03	LOM	0.17	LOM	LOM	LOM
18 0 54	1.	0.313	1.	LOW	269.	158.	78.	2.	0.08	0.10	LOM	0.08	LOM	LOM	LOM
18 0 59	1.	0.254	0.	LOW	252.	158.	79.	1.	0.14	0.09	LOM	0.12	LOM	LOM	LOM
18 1 4	0.	0.010	0.	LOW	263.	157.	79.	0.	0.23	0.04	LOM	0.16	LOM	LOM	LOM
18 1 9	0.	0.025	0.	LOW	264.	156.	79.	0.	0.19	0.07	LOM	0.20	LOM	LOM	LOM
18 1 14	0.	0.039	0.	LOW	279.	156.	79.	1.	0.12	0.08	LOM	0.20	LOM	LOM	LOM
18 1 19	1.	0.045	0.	LOW	266.	155.	78.	0.	0.13	0.10	LOM	0.24	LOM	LOM	LOM
18 1 24	1.	0.156	0.	LOW	243.	152.	76.	2.	0.23	0.10	LOM	0.00	LOM	LOM	LOM
18 1 29	1.	0.166	0.	LOW	253.	152.	78.	1.	0.15	0.04	LOM	0.11	LOM	LOM	LOM
18 1 34	1.	0.245	0.	LOW	264.	152.	80.	2.	0.10	0.12	LOM	0.00	LOM	LOM	LOM
18 1 39	1.	0.245	0.	LOW	270.	152.	76.	1.	0.11	0.07	LOM	0.04	LOM	LOM	LOM
18 1 44	1.	0.137	0.	LOW	237.	152.	80.	0.	0.12	0.10	LOM	0.18	LOM	LOM	LOM
18 1 49	1.	0.147	0.	LOW	243.	151.	78.	1.	0.21	0.02	LOM	0.10	LOM	LOM	LOM
18 1 54	1.	0.096	1.	LOW	258.	150.	77.	1.	0.03	0.20	LOM	0.18	LOM	LOM	LOM
18 1 59	1.	0.049	0.	LOW	247.	150.	77.	1.	0.01	0.01	LOM	0.15	LOM	LOM	LOM
18 2 4	1.	0.026	0.	LOW	244.	150.	79.	0.	0.02	0.06	LOM	0.18	LOM	LOM	LOM
18 2 9	1.	0.039	0.	LOW	253.	149.	78.	0.	0.01	0.03	LOM	0.20	LOM	LOM	LOM
18 2 14	1.	0.020	0.	LOW	244.	147.	80.	0.	0.02	0.12	LOM	0.16	LOM	LOM	LOM
18 2 19	1.	0.049	0.	LOW	246.	148.	84.	0.	0.00	0.12	LOM	0.20	LOM	LOM	LOM
18 2 24	1.	0.117	0.	LOW	183.	155.	106.	1.	0.12	0.04	LOM	0.20	LOM	LOM	LOM
18 2 29	1.	0.117	0.	LOW	189.	155.	106.	1.	0.11	0.02	LOM	0.20	LOM	LOM	LOM
18 2 34	1.	0.190	1.	LOW	177.	154.	102.	1.	0.03	0.12	LOM	0.23	LOM	LOM	LOM
18 2 39	1.	0.331	1.	LOW	176.	150.	102.	0.	0.05	0.20	LOM	0.06	LOM	LOM	LOM
18 2 44	1.	0.059	1.	LOW	195.	141.	116.	0.	0.04	0.18	LOM	0.10	LOM	LOM	LOM
18 2 49	1.	0.040	1.	LOW	184.	140.	119.	0.	0.03	0.26	LOM	0.05	LOM	LOM	LOM
18 2 54	1.	0.387	1.	LOW	193.	139.	107.	0.	0.02	0.29	LOM	0.08	LOM	LOM	LOM
18 3 4	1.	0.409	1.	LOW	191.	138.	106.	0.	0.04	0.23	LOM	0.10	LOM	LOM	LOM
18 3 9	1.	0.176	1.	LOW	174.	136.	105.	1.	0.03	0.04	LOM	0.04	LOM	LOM	LOM
18 3 14	1.	0.186	1.	LOW	173.	135.	104.	1.	0.03	0.05	LOM	0.04	LOM	LOM	LOM
18 3 19	1.	0.371	1.	LOW	160.	134.	103.	1.	0.02	0.21	LOM	0.02	LOM	LOM	LOM
18 3 24	1.	0.303	1.	LOW	163.	133.	104.	2.	0.02	0.21	LOM	0.02	LOM	LOM	LOM
18 3 29	1.	0.331	1.	LOW	161.	133.	104.	0.	0.02	0.21	LOM	0.02	LOM	LOM	LOM
18 3 34	1.	0.362	1.	LOW	171.	133.	103.	0.	0.02	0.21	LOM	0.02	LOM	LOM	LOM
18 3 39	1.	0.362	1.	LOW	171.	133.	103.	0.	0.02	0.21	LOM	0.02	LOM	LOM	LOM
18 3 44	1.	0.362	1.	LOW	171.	133.	103.	0.	0.02	0.21	LOM	0.02	LOM	LOM	LOM
18 3 49	1.	0.362	1.	LOW	171.	133.	103.	0.	0.02	0.21	LOM	0.02	LOM	LOM	LOM
18 3 54	1.	0.362	1.	LOW	171.	133.	103.	0.	0.02	0.21	LOM	0.02	LOM	LOM	LOM
18 3 59	1.	0.362	1.	LOW	171.	133.	103.	0.	0.02	0.21	LOM	0.02	LOM	LOM	LOM
18 4 4	1.	0.362	1.	LOW	171.	133.	103.	0.	0.02	0.21	LOM	0.02	LOM	LOM	LOM
18 4 9	1.	0.362	1.	LOW	171.	133.	103.	0.	0.02	0.21	LOM	0.02	LOM	LOM	LOM
18 4 14	1.	0.362	1.	LOW	171.	133.	103.	0.	0.02	0.21	LOM	0.02	LOM	LOM	LOM
18 4 19	1.	0.362	1.	LOW	171.	133.	103.	0.	0.02	0.21	LOM	0.02	LOM	LOM	LOM
18 4 24	1.	0.362	1.	LOW	171.	133.	103.	0.	0.02	0.21	LOM	0.02	LOM	LOM	LOM
18 4 29	1.	0.362	1.	LOW	171.	133.	103.	0.	0.02	0.21	LOM	0.02	LOM	LOM	LOM
18 4 34	1.	0.362	1.	LOW	171.	133.	103.	0.	0.02	0.21	LOM	0.02	LOM	LOM	LOM
18 4 39	1.	0.362	1.	LOW	171.	133.	103.	0.	0.02	0.21	LOM	0.02	LOM	LOM	LOM
18 4 44	1.	0.362	1.	LOW	171.	133.	103.	0.	0.02	0.21	LOM	0.02	LOM	LOM	LOM
18 4 49	1.	0.362	1.	LOW	171.	133.	103.	0.	0.02	0.21	LOM	0.02	LOM	LOM	LOM
18 4 54	1.	0.362	1.	LOW	171.	133.	103.	0.	0.02	0.21	LOM	0.02	LOM	LOM	LOM
18 4 59	1.	0.362	1.	LOW	171.	133.	103.	0.	0.02	0.21	LOM	0.02	LOM	LOM	LOM
18 5 4	1.	0.362	1.	LOW	171.	133.	103.	0.	0.02	0.21	LOM	0.02	LOM	LOM	LOM
18 5 9	1.	0.362	1.	LOW	171.	133.	103.	0.	0.02	0.21	LOM	0.02	LOM	LOM	LOM
18 5 14	1.	0.362	1.	LOW	171.	133.	103.	0.	0.02	0.21	LOM	0.02	LOM	LOM	LOM
18 5 19	1.	0.362	1.	LOW	171.	133.	103.	0.	0.02	0.21	LOM	0.02	LOM	LOM	LOM
18 5 24	1.	0.362	1.	LOW	171.	133.	103.	0.	0.02	0.21	LOM	0.02	LOM	LOM	LOM
18 5 29	1.	0.362	1.	LOW	171.	133.	103.	0.	0.02	0.21	LOM	0.02	LOM	LOM	LOM
18 5 34	1.	0.362	1.	LOW	171.	133.	103.	0.	0.02	0.21	LOM	0.02	LOM	LOM	LOM
18 5 39	1.	0.362	1.	LOW	171.	133.	103.	0.	0.02	0.21	LOM	0.02	LOM	LOM	LOM
18 5 44	1.	0.362	1.	LOW	171.	133.	103.	0.	0.02	0.21	LOM	0.02	LOM	LOM	LOM
18 5 49	1.	0.362	1.	LOW	171.	133.	103.	0.	0.02	0.21	LOM	0.02	LOM	LOM	LOM
18 5 54	1.	0.362	1.	LOW	171.	133.	103.	0.	0.02	0.21	LOM	0.02	LOM	LOM	LOM
18 5 59	1.	0.362	1.	LOW	171.	133.	103.	0.	0.02	0.21	LOM	0.02	LOM	LOM	LOM
18 6 4	1.	0.362	1.	LOW	171.	133.	103.	0.	0.02	0.21	LOM	0.02	LOM	LOM	LOM
18 6 9	1.	0.362	1.	LOW	171.	133.	103.	0.	0.02	0.21	LOM	0.02	LOM	LOM	LOM
18 6 14	1.	0.362	1.	LOW	171.	133.	103.	0.	0.02	0.21	LOM	0.02	LOM	LOM	LOM
18 6 19	1.	0.362	1.	LOW	171.	133.	103.	0.	0.02	0.21	LOM	0.02	LOM	LOM	LOM
18 6 24	1.	0.362	1.	LOW	171.	133.	103.	0.	0.02	0.21	LOM	0.02	LOM	LOM	LOM
18 6 29	1.	0.362	1.	LOW	171.	133.	103.	0.	0.02	0.21	LOM	0.02	LOM	LOM	LOM
18 6 34	1.	0.362	1.	LOW	171.	133.	103.	0.	0.02	0.21	LOM	0.02	LOM	LOM	LOM
18 6 39	1.	0.362	1.	LOW	171.	133.	103.	0.	0.02	0.21	LOM	0.02	LOM	LOM	LOM
18 6 44	1.	0.362	1.	LOW	171.	133.	103.	0.	0.02	0.21	LOM	0.02	LOM	LOM	LOM
18 6 49	1.	0.362	1.	LOW	171.	133.	103.	0.	0.02	0.21	LOM	0.02	LOM	LOM	LOM
18 6 54	1.	0.362	1.	LOW	171.	133.	103.	0.	0.02	0.21	LOM	0.02	LOM	LOM	LOM
18 6 59	1.	0.362	1.	LOW	171.	133.	103.	0.	0.02	0.21	LOM	0.			

TIME M/M/S	EC 27 PRESS TOTAL AIR PRESS	EC 28 FLOWPR OF SV REG PY273- PY274	EC 39 PRESS STATIC OF JMNSTR PRIMARY HX	EC 29 TEMP AIR UPSTRM OF WATER SEP	EC 44 TEMP AIR JMNSTR OF COMPR	EC 45 TEMP AIR INLET ECS TURBIN	EC 46 TEMP AIR OUTLET ECS TURBIN	EC 47 PRESS ECS TURBIN INLET	EC 48 PRESS STATIC ECS TURBIN OUTLET	EC 33 PRESS UPSTRM OF WATER SEP	EC 32 TEMP AIR MAIN CABIN AI SUPPLY FLUVE	EC 33 PRESS MAIN CABIN AI FLUVE TUBE	EC 35 TEMP AIR FWO EQUIP BAY VENTUR
18 22 5	-0.	-0.090	-0.	64.	105.	133.	102.	1.	.12	-.23	67.	.12	57.
18 22 10	-0.	-0.166	-0.	65.	177.	132.	102.	0.	.17	-.14	66.	.13	57.
18 22 15	-0.	-0.137	-1.	64.	135.	130.	102.	-9.	.10	-.33	69.	.16	58.
18 22 20	-0.	-0.225	-1.	65.	167.	131.	102.	1.	.34	-.25	70.	.09	50.
18 22 25	-1.	-0.293	0.	64.	103.	131.	101.	2.	.30	-.14	68.	.00	50.
18 22 30	-1.	-0.313	0.	65.	173.	131.	102.	1.	.11	-.14	67.	.06	58.
18 22 35	-1.	-0.150	-0.	65.	187.	132.	103.	-9.	.16	-.02	66.	.14	50.
18 22 40	-1.	-0.166	-0.	65.	172.	132.	104.	-4.	.22	-.14	68.	.10	56.
18 22 45	-1.	-0.117	-0.	67.	176.	116.	105.	3.	-.02	-.04	69.	.06	59.
18 22 50	-1.	-0.108	-0.	67.	175.	124.	105.	1.	.11	-.03	69.	.07	60.
18 22 55	-1.	-0.196	-0.	67.	183.	132.	105.	9.	.14	.23	71.	.15	60.
18 23 0	-1.	-0.215	-0.	68.	181.	132.	104.	0.	.15	.15	72.	.17	60.

TIME H/M/S	EC 45 TEMP AIR DANSTR OF HOT AIR SENSOR	EC 50 PRESS STATIC DANSTR HOT AIR SENSOR	EC 36 PRESS STATIC FWD EQUIP BAYATV INTUR	EC 30 TEMP AIR DANSTR OF PRI MX	EC 34 PRESS REF COARSE	EC 53 PRESS STATIC SVC AK HX RAM INLET HEADER	EC 54 PRESS STATIC SERVLE AIR MX	EC 40 TEMP AIR RAM INLET PRI MX	EC 99 TEMP AMB FIN TIP COMPT	EC 100 TEMP AMB FIN TIP COMPT	EC 101 TEMP AMB FIN TIP COMPT	EC 52 TEMP SOJILE TRAIN REMOV LNZZL E	EC 53 PRESS RAIN REMOVL NOZZLE OUTLET L/H
10 13 3	112.	-0.	.10	116.	29.96	.00	0.0	106.	LOM	LOM	LOM	77.	0.
16 53 8	112.	-0.	.09	127.	29.92	.04	.0	116.	LOM	LOM	LOM	78.	0.
16 13 13	112.	0.	.20	117.	29.92	.02	.1	117.	LOM	LOM	LOM	82.	0.
16 13 31	113.	0.	.18	119.	30.01	.02	.2	120.	LOM	LOM	LOM	82.	0.
16 13 26	113.	0.	.08	137.	30.22	.03	.2	112.	LOM	LOM	LOM	81.	0.
16 13 33	113.	-0.	.06	135.	30.04	.02	.1	110.	LOM	LOM	LOM	81.	0.
16 13 33	113.	-0.	.10	119.	29.96	.03	-0.	112.	LOM	LOM	LOM	82.	-0.
16 13 30	113.	0.	.18	118.	29.96	.02	.1	111.	LOM	LOM	LOM	81.	1.
16 13 43	116.	0.	.12	111.	29.56	.03	.1	107.	LOM	LOM	LOM	74.	0.
16 53 48	115.	0.	.11	121.	29.69	.02	.1	114.	LOM	LOM	LOM	77.	0.
16 13 53	115.	-0.	.08	134.	30.22	.03	.2	119.	LOM	LOM	LOM	81.	-2.
16 54 58	113.	-0.	.03	134.	30.43	.05	.2	117.	LOM	LOM	LOM	81.	-1.
16 20 4	113.	0.	.04	119.	29.98	.02	0.0	116.	LOM	LOM	LOM	80.	-0.
16 20 9	113.	1.	.09	123.	30.01	.02	.1	120.	LOM	LOM	LOM	74.	-0.
16 21 26	117.	33.	.10	137.	30.10	.04	0.0	133.	LOM	LOM	LOM	80.	-0.
16 21 31	120.	32.	.06	133.	30.16	.03	.1	123.	LOM	LOM	LOM	80.	-0.
16 21 36	122.	31.	.06	119.	29.98	.03	.2	117.	LOM	LOM	LOM	80.	-0.
16 21 41	124.	34.	.13	124.	30.04	.04	0.0	114.	LOM	LOM	LOM	84.	-0.
16 21 46	124.	38.	.06	136.	29.80	.02	0.0	116.	LOM	LOM	LOM	86.	1.
16 21 51	126.	38.	.10	137.	29.80	.03	0.0	122.	LOM	LOM	LOM	86.	0.
16 21 56	129.	37.	.12	136.	29.50	0.00	.0	114.	LOM	LOM	LOM	77.	0.
16 22 1	130.	37.	.08	130.	29.59	.01	.1	119.	LOM	LOM	LOM	82.	-0.
16 22 6	129.	37.	.20	145.	30.76	.02	.1	121.	LOM	LOM	LOM	76.	0.
16 22 11	131.	34.	.44	120.	30.43	.06	.2	121.	LOM	LOM	LOM	76.	0.
16 22 16	128.	13.	.83	171.	29.36	.11	.3	93.	LOM	LOM	LOM	79.	-0.
16 22 21	129.	18.	.03	159.	30.10	.13	.4	99.	LOM	LOM	LOM	79.	0.
16 22 34	134.	18.	.68	123.	29.90	.09	.3	93.	LOM	LOM	LOM	88.	0.
16 22 36	137.	18.	.71	128.	30.26	.11	.2	92.	LOM	LOM	LOM	83.	0.
16 22 41	157.	17.	.85	105.	29.58	.07	.3	57.	LOM	LOM	LOM	55.	-1.
16 22 46	169.	17.	.78	109.	30.10	.09	.3	74.	LOM	LOM	LOM	86.	-0.
16 22 51	194.	16.	.66	117.	30.10	.10	.1	74.	LOM	LOM	LOM	86.	-0.
16 23 1	195.	16.	.73	118.	29.98	.10	.1	73.	LOM	LOM	LOM	83.	-0.
16 23 6	206.	17.	.84	127.	30.34	.14	.1	90.	LOM	LOM	LOM	76.	1.
16 23 9	205.	17.	.73	125.	30.37	.14	.2	82.	LOM	LOM	LOM	81.	0.
16 23 11	217.	17.	.83	132.	29.86	.07	.1	73.	LOM	LOM	LOM	78.	0.
16 23 16	228.	17.	.66	120.	29.55	.10	.1	74.	LOM	LOM	LOM	76.	-0.
16 23 21	228.	17.	.57	128.	30.27	.09	.2	77.	LOM	LOM	LOM	80.	-0.
16 23 26	232.	16.	.65	119.	29.92	.13	.2	73.	LOM	LOM	LOM	84.	0.
16 23 32	233.	17.	.79	133.	29.92	.13	.2	61.	LOM	LOM	LOM	74.	0.
16 23 37	233.	13.	.61	136.	29.50	.15	.2	86.	LOM	LOM	LOM	77.	0.
16 23 42	231.	17.	.61	139.	30.01	.10	.0	65.	LOM	LOM	LOM	67.	0.
16 23 47	232.	16.	.39	114.	30.04	.10	.3	61.	LOM	LOM	LOM	72.	0.
16 23 52	225.	10.	.47	114.	30.04	.10	-0.	90.	LOM	LOM	LOM	82.	0.
16 23 57	226.	15.	.43	121.	30.22	.15	.3	69.	LOM	LOM	LOM	79.	0.

TIME M/M/5	EC 45 TEMP AIR DWNSTR OF HOT AF SENSOR	EC 50 PRESS STATIC DWNSTR HOT AIR SENSOR	EC 36 PRESS STATIC FWD EQUIP SAVATV ENTUR	EC 30 TEMP AIR DWNSTR OF PRI HK	EC 54 PRESS REF COARSE	EC 60 PRESS STATIC SERVICE AIR HK	EC 40 TEMP AIR INLET R/H PRI HK	EC 94 TEMP AMB FIN TIP COMPT	EC 100 TEMP AMB FIN TIP COMPT	EC 131 TEMP AMB FIN TIP COMPT	EC 52 TEMP SUOTLE TRAIN REMOV LNZZL E	EC 53 PRESS RAIN REMOVL NOZZLE OUTLET L/M
16 30 34	326.	28.	45	179.	30.13	.13	71.	LJM	LJM	LJM	76.	-0.
16 34 39	433.	43.	.31	254.	30.28	.14	74.	LJM	LJM	LJM	76.	-0.
16 36 44	435.	36.	.30	262.	30.19	.13	82.	LJM	LJM	LJM	81.	-0.
16 38 49	439.	29.	.41	254.	29.38	.15	80.	LJM	LJM	LJM	77.	-0.
16 34 54	435.	30.	.40	255.	29.80	.15	78.	LJM	LJM	LJM	74.	0.
16 33 59	439.	30.	.37	259.	30.10	.12	80.	LJM	LJM	LJM	79.	0.
16 33 4	442.	30.	.40	239.	29.59	.11	61.	LJM	LJM	LJM	63.	-0.
16 33 9	442.	30.	.53	239.	29.92	.13	73.	LJM	LJM	LJM	78.	-0.
16 33 14	442.	29.	.44	240.	30.01	.14	72.	LJM	LJM	LJM	80.	-1.
16 33 19	432.	16.	.31	240.	29.60	.13	76.	LJM	LJM	LJM	80.	-0.
16 33 24	427.	19.	.43	232.	29.35	.11	69.	LJM	LJM	LJM	80.	-0.
16 39 29	420.	23.	.43	213.	29.86	.15	71.	LJM	LJM	LJM	79.	-0.
16 33 34	415.	22.	.43	212.	29.77	.15	78.	LJM	LJM	LJM	74.	-0.
16 33 39	389.	21.	.57	180.	30.28	.14	82.	LJM	LJM	LJM	78.	-0.
16 33 44	384.	22.	.54	176.	30.10	.14	82.	LJM	LJM	LJM	80.	-0.
16 33 49	371.	22.	.49	150.	29.74	.12	74.	LJM	LJM	LJM	78.	-0.
16 33 59	365.	22.	.44	103.	29.32	.13	80.	LJM	LJM	LJM	76.	-0.
16 40 4	351.	21.	.55	186.	30.34	.15	89.	LJM	LJM	LJM	76.	-1.
16 40 9	347.	21.	.53	173.	30.10	.15	84.	LJM	LJM	LJM	75.	-0.
16 40 14	342.	22.	.35	168.	30.04	.16	68.	LJM	LJM	LJM	75.	0.
16 40 19	339.	22.	.43	155.	30.04	.15	77.	LJM	LJM	LJM	77.	-0.
16 40 24	332.	22.	.39	156.	30.16	.15	76.	LJM	LJM	LJM	79.	-0.
16 40 29	323.	22.	.39	156.	30.22	.17	84.	LJM	LJM	LJM	76.	-0.
16 40 34	322.	22.	.39	151.	30.16	.15	76.	LJM	LJM	LJM	75.	-0.
16 40 39	577.	47.	.49	279.	29.50	.10	93.	210.73	365.6	230.9	61.	0.
16 40 44	585.	47.	.48	321.	30.07	.13	82.	213.74	369.7	220.7	62.	0.
16 40 49	604.	47.	.37	330.	29.74	.15	67.	224.43	384.5	195.1	65.	0.
16 46 53	611.	47.	.45	356.	29.80	.15	88.	225.43	388.3	182.2	74.	0.
16 46 58	625.	49.	.52	364.	29.90	.14	90.	231.23	406.4	171.2	06.	0.
16 47 3	630.	49.	.52	364.	29.90	.15	90.	232.17	450.3	182.0	76.	0.
16 47 8	638.	49.	.39	394.	29.95	.17	80.	235.30	414.6	234.7	79.	0.
16 47 13	641.	49.	.49	301.	29.50	.15	77.	237.24	417.4	229.9	79.	0.
16 47 23	640.	38.	.47	386.	30.16	.16	62.	242.31	425.3	199.6	79.	0.
16 47 28	631.	36.	.45	335.	30.16	.16	86.	244.03	425.0	172.8	71.	-0.
16 47 33	627.	36.	.42	387.	30.17	.17	86.	244.33	425.5	215.2	76.	-0.
16 47 38	616.	36.	.51	379.	30.54	.13	82.	244.33	417.1	211.7	74.	0.
16 47 43	594.	37.	.40	374.	29.32	.15	84.	244.33	413.5	214.8	70.	-1.
16 47 48	594.	38.	.53	369.	29.96	.10	84.	244.33	400.8	175.1	75.	-0.
16 47 53	574.	41.	.49	361.	29.95	.15	83.	244.33	395.8	169.6	71.	0.
16 47 58	565.	42.	.34	355.	29.86	.14	80.	244.33	381.3	204.4	73.	0.
16 48 4	551.	42.	.62	320.	30.04	.10	83.	237.35	375.7	204.4	73.	-0.
16 48 9	544.	39.	.72	322.	29.86	.14	83.	237.35	361.3	193.0	77.	-0.
16 48 14	531.	41.	.23	336.	30.22	.19	88.	234.03	357.2	200.9	09.	0.
16 48 19	537.	42.	.38	331.	30.25	.17	85.	230.06	349.3	149.8	76.	-0.
16 48 24	533.	43.	.43	340.	30.25	.11	85.	221.91	346.8	174.1	74.	-0.
16 48 29	531.	43.	.36	305.	29.30	.15	85.	220.31	339.9	219.4	76.	-0.

TIME	EC 45	EC 46	EC 47	EC 48	EC 49	EC 50	EC 51	EC 52	EC 53	EC 54	EC 55	EC 56	EC 57	EC 58	EC 59	EC 60	EC 61	EC 62	EC 63	EC 64	EC 65	EC 66	EC 67	EC 68	EC 69	EC 70	EC 71	EC 72	EC 73	EC 74	EC 75	EC 76	EC 77	EC 78	EC 79	EC 80	EC 81	EC 82	EC 83	EC 84	EC 85	EC 86	EC 87	EC 88	EC 89	EC 90	EC 91	EC 92	EC 93	EC 94	EC 95	EC 96	EC 97	EC 98	EC 99	EC 100	EC 101	EC 102	EC 103	EC 104	EC 105	EC 106	EC 107	EC 108	EC 109	EC 110	EC 111	EC 112	EC 113	EC 114	EC 115	EC 116	EC 117	EC 118	EC 119	EC 120	EC 121	EC 122	EC 123	EC 124	EC 125	EC 126	EC 127	EC 128	EC 129	EC 130	EC 131	EC 132	EC 133	EC 134	EC 135	EC 136	EC 137	EC 138	EC 139	EC 140	EC 141	EC 142	EC 143	EC 144	EC 145	EC 146	EC 147	EC 148	EC 149	EC 150	EC 151	EC 152	EC 153	EC 154	EC 155	EC 156	EC 157	EC 158	EC 159	EC 160	EC 161	EC 162	EC 163	EC 164	EC 165	EC 166	EC 167	EC 168	EC 169	EC 170	EC 171	EC 172	EC 173	EC 174	EC 175	EC 176	EC 177	EC 178	EC 179	EC 180	EC 181	EC 182	EC 183	EC 184	EC 185	EC 186	EC 187	EC 188	EC 189	EC 190	EC 191	EC 192	EC 193	EC 194	EC 195	EC 196	EC 197	EC 198	EC 199	EC 200	EC 201	EC 202	EC 203	EC 204	EC 205	EC 206	EC 207	EC 208	EC 209	EC 210	EC 211	EC 212	EC 213	EC 214	EC 215	EC 216	EC 217	EC 218	EC 219	EC 220	EC 221	EC 222	EC 223	EC 224	EC 225	EC 226	EC 227	EC 228	EC 229	EC 230	EC 231	EC 232	EC 233	EC 234	EC 235	EC 236	EC 237	EC 238	EC 239	EC 240	EC 241	EC 242	EC 243	EC 244	EC 245	EC 246	EC 247	EC 248	EC 249	EC 250	EC 251	EC 252	EC 253	EC 254	EC 255	EC 256	EC 257	EC 258	EC 259	EC 260	EC 261	EC 262	EC 263	EC 264	EC 265	EC 266	EC 267	EC 268	EC 269	EC 270	EC 271	EC 272	EC 273	EC 274	EC 275	EC 276	EC 277	EC 278	EC 279	EC 280	EC 281	EC 282	EC 283	EC 284	EC 285	EC 286	EC 287	EC 288	EC 289	EC 290	EC 291	EC 292	EC 293	EC 294	EC 295	EC 296	EC 297	EC 298	EC 299	EC 300	EC 301	EC 302	EC 303	EC 304	EC 305	EC 306	EC 307	EC 308	EC 309	EC 310	EC 311	EC 312	EC 313	EC 314	EC 315	EC 316	EC 317	EC 318	EC 319	EC 320	EC 321	EC 322	EC 323	EC 324	EC 325	EC 326	EC 327	EC 328	EC 329	EC 330	EC 331	EC 332	EC 333	EC 334	EC 335	EC 336	EC 337	EC 338	EC 339	EC 340	EC 341	EC 342	EC 343	EC 344	EC 345	EC 346	EC 347	EC 348	EC 349	EC 350	EC 351	EC 352	EC 353	EC 354	EC 355	EC 356	EC 357	EC 358	EC 359	EC 360	EC 361	EC 362	EC 363	EC 364	EC 365	EC 366	EC 367	EC 368	EC 369	EC 370	EC 371	EC 372	EC 373	EC 374	EC 375	EC 376	EC 377	EC 378	EC 379	EC 380	EC 381	EC 382	EC 383	EC 384	EC 385	EC 386	EC 387	EC 388	EC 389	EC 390	EC 391	EC 392	EC 393	EC 394	EC 395	EC 396	EC 397	EC 398	EC 399	EC 400	EC 401	EC 402	EC 403	EC 404	EC 405	EC 406	EC 407	EC 408	EC 409	EC 410	EC 411	EC 412	EC 413	EC 414	EC 415	EC 416	EC 417	EC 418	EC 419	EC 420																																																																																																																																																																																																																																																																																																																																																																																																		
16 43 34	523	43	59	295	3016	15	2	80	226	332	24	76	-0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													

TIME H/M/S	06	EC 45 TEMP AIR DMSTR OF HOT AIR SENSUR	EC 50 PRESS STATIC JMSIN HOT AIR SENSUR	EC 36 PRESS STATIC FWD EQUIP DATAV ENTUR	EC 36 TEMP AIR DMSTR OF PRI MX	EC 34 PRESS REF. CORSE.	EC 03 PRESS SIARIL SVC RAM MX RAM INLET HEADER	EC 54 PRESS STATIC SERVLE AIR MX	EC 40 TEMP AIR KAM INLET K/H PRI MX	EC 33 TEMP AMB FIN TIP COMPT	EC 100 TEMP AFB FIN TIP COMPT	EC 101 TEMP AMB FIN TIP COMPT	EC 52 TEMP SOUTLE TRAIN REMOV LNNOZZL	EC 53 PRESS RAIN REMOVL NOZZLE OUTLET LYM
16 52 45	452.	39.	41.	267.	24.95	.11	.4	84.	LOW	LOW	LOW	LOW	74.	0.
16 52 45	462.	35.	47.	279.	26.32	.12	.5	81.	LOW	LOW	LOW	LOW	78.	0.
16 52 50	462.	35.	52.	264.	30.31	.13	.4	80.	LOW	LOW	LOW	LOW	79.	-0.
16 52 55	461.	36.	51.	276.	23.92	.17	.2	95.	LOW	LOW	LOW	LOW	71.	0.
16 53 00	451.	36.	49.	271.	29.77	.10	.2	88.	LOW	LOW	LOW	LOW	75.	0.
16 53 13	439.	37.	47.	245.	24.74	.11	.5	74.	LOW	LOW	LOW	LOW	83.	0.
16 53 18	437.	38.	55.	243.	29.77	.12	.0	71.	LOW	LOW	LOW	LOW	81.	-0.
16 53 16	432.	38.	65.	243.	24.86	.07	.0	64.	LOW	LOW	LOW	LOW	74.	-1.
16 53 21	434.	37.	61.	269.	30.94	.10	.4	91.	LOW	LOW	LOW	LOW	75.	-1.
16 53 26	434.	38.	35.	315.	23.86	.17	.4	83.	LOW	LOW	LOW	LOW	74.	1.
16 53 31	434.	38.	43.	307.	29.74	.15	.4	90.	LOW	LOW	LOW	LOW	71.	0.
16 53 36	442.	41.	33.	290.	24.95	.17	.1	89.	LOW	LOW	LOW	LOW	82.	-0.
16 53 41	436.	38.	39.	330.	30.10	.09	.2	98.	LOW	LOW	LOW	LOW	76.	-0.
16 53 46	469.	35.	45.	235.	30.10	.09	.3	73.	LOW	LOW	LOW	LOW	77.	-2.
16 53 51	464.	35.	37.	291.	30.19	.12	.2	78.	LOW	LOW	LOW	LOW	76.	-1.
16 53 56	431.	37.	41.	243.	23.96	.13	.1	77.	LOW	LOW	LOW	LOW	68.	-0.
16 54 01	431.	37.	35.	246.	30.01	.13	.2	81.	LOW	LOW	LOW	LOW	74.	-1.
16 54 06	436.	37.	47.	274.	30.34	.13	.3	88.	LOW	LOW	LOW	LOW	71.	0.
16 54 11	441.	34.	48.	274.	30.16	.12	.2	79.	LOW	LOW	LOW	LOW	77.	0.
16 54 16	436.	42.	55.	274.	23.90	.16	.2	86.	LOW	LOW	LOW	LOW	78.	0.
16 54 21	442.	42.	54.	277.	23.35	.10	.2	82.	LOW	LOW	LOW	LOW	78.	0.
16 54 26	445.	38.	61.	279.	30.16	.15	.3	86.	LOW	LOW	LOW	LOW	74.	0.
16 54 31	443.	38.	53.	261.	30.10	.13	.2	79.	LOW	LOW	LOW	LOW	71.	0.
16 54 36	449.	42.	29.	280.	30.04	.17	.1	77.	LOW	LOW	LOW	LOW	75.	0.
16 54 41	447.	39.	29.	265.	30.16	.17	.1	80.	LOW	LOW	LOW	LOW	72.	0.
16 54 46	446.	35.	41.	278.	23.92	.14	.4	77.	LOW	LOW	LOW	LOW	74.	-2.
16 54 51	441.	31.	40.	263.	23.84	.17	.3	83.	LOW	LOW	LOW	LOW	75.	-1.
16 54 56	441.	23.	35.	249.	30.22	.12	.3	90.	LOW	LOW	LOW	LOW	75.	-0.
16 55 01	430.	23.	39.	247.	30.16	.13	.3	80.	LOW	LOW	LOW	LOW	71.	0.
16 55 06	427.	22.	33.	210.	29.90	.16	.1	94.	LOW	LOW	LOW	LOW	71.	0.
16 55 09	405.	22.	45.	141.	24.80	.14	.2	97.	LOW	LOW	LOW	LOW	74.	0.
16 55 19	380.	22.	51.	160.	23.92	.17	.2	73.	LOW	LOW	LOW	LOW	72.	1.
16 55 24	381.	22.	48.	165.	30.01	.15	.3	73.	LOW	LOW	LOW	LOW	74.	0.
16 55 29	372.	22.	45.	174.	30.10	.14	.4	98.	LOW	LOW	LOW	LOW	65.	0.
16 55 29	372.	22.	51.	167.	30.11	.12	.3	98.	LOW	LOW	LOW	LOW	70.	0.
16 55 34	370.	21.	51.	156.	29.80	.10	.2	76.	LOW	LOW	LOW	LOW	77.	1.
16 55 39	373.	22.	52.	153.	29.95	.15	.3	75.	LOW	LOW	LOW	LOW	75.	1.
16 55 49	372.	22.	41.	155.	23.86	.15	.5	85.	LOW	LOW	LOW	LOW	78.	-1.
16 55 54	366.	22.	44.	159.	30.07	.17	.5	84.	LOW	LOW	LOW	LOW	77.	-0.
16 55 59	362.	22.	43.	151.	23.86	.09	.3	81.	LOW	LOW	LOW	LOW	77.	0.
16 56 04	362.	22.	50.	154.	30.07	.00	.2	97.	LOW	LOW	LOW	LOW	77.	-0.
16 57 04	357.	22.	43.	167.	30.16	.17	.4	74.	LOW	LOW	LOW	LOW	71.	0.
16 57 09	355.	22.	49.	167.	30.07	.10	.4	78.	LOW	LOW	LOW	LOW	78.	0.
16 57 14	345.	21.	45.	154.	23.80	.15	.4	80.	LOW	LOW	LOW	LOW	71.	0.
16 57 19	348.	21.	48.	161.	24.96	.14	.3	78.	LOW	LOW	LOW	LOW	71.	-0.
16 57 24	353.	22.	49.	149.	29.92	.09	.3	86.	LOW	LOW	LOW	LOW	78.	0.
16 57 30	351.	22.	44.	148.	30.01	.14	.3	86.	LOW	LOW	LOW	LOW	77.	0.
16 57 35	347.	22.	53.	137.	23.66	.12	.5	78.	LOW	LOW	LOW	LOW	87.	0.
16 57 40	346.	22.	54.	149.	29.86	.11	.4	82.	LOW	LOW	LOW	LOW	71.	-1.

TIME H/M/S	EC 49 TEMP AIR	EC 50 PRESS STATIC	EC 56 PRESS STATIC	EC 54 PRESS REF	EC 60 PRESS STATIC	EC 64 PRESS STATIC	EC 40 TEMP AIR	EC 39 TEMP AMB	EC 101 TEMP AMB	EC 52 TEMP SOUL	EC 53 PRESS RAIN
16 57 45	342.	22.	51.	30.10	.17	.6	84.	LOW	LOW	80.	6.
16 57 50	341.	22.	50.	30.10	.14	.4	78.	LOW	LOW	78.	1.
16 57 55	345.	22.	55.	30.04	.07	.2	83.	LOW	LOW	74.	0.
16 58 0	335.	22.	50.	29.36	.11	.3	76.	LOW	LOW	74.	0.
16 58 5	337.	22.	55.	29.77	.12	.4	82.	LOW	LOW	75.	-1.
16 58 10	334.	22.	48.	29.10	.13	.4	86.	LOW	LOW	74.	-0.
16 58 15	334.	22.	55.	30.10	.10	.4	89.	LOW	LOW	76.	-0.
16 58 20	333.	22.	54.	30.19	.16	.4	73.	LOW	LOW	76.	1.
16 58 25	325.	21.	43.	30.07	.14	.3	76.	LOW	LOW	76.	0.
16 58 30	327.	21.	51.	29.56	.13	.2	78.	LOW	LOW	74.	-0.
16 58 35	325.	21.	47.	29.56	.10	.3	75.	LOW	LOW	73.	0.
16 58 40	324.	21.	42.	30.10	.14	.2	91.	LOW	LOW	69.	0.
16 58 45	319.	21.	43.	30.13	.13	.3	90.	LOW	LOW	74.	0.
16 58 50	321.	21.	45.	30.04	.15	.2	74.	LOW	LOW	73.	0.
16 59 0	322.	22.	49.	30.07	.11	.2	86.	LOW	LOW	78.	-1.
16 59 5	320.	22.	46.	30.22	.11	.0	90.	LOW	LOW	74.	-0.
16 59 10	316.	22.	37.	30.16	.15	.2	78.	LOW	LOW	71.	-0.
16 59 15	313.	21.	41.	29.80	.17	.3	76.	LOW	LOW	76.	-0.
16 59 20	316.	22.	29.	29.86	.15	.2	77.	LOW	LOW	74.	-0.
16 59 25	316.	22.	31.	29.86	.17	.3	78.	LOW	LOW	75.	-0.
16 59 30	312.	22.	41.	30.10	.15	.2	85.	LOW	LOW	77.	-0.
16 59 35	313.	22.	47.	29.92	.06	.3	94.	LOW	LOW	69.	-1.
16 59 40	315.	22.	43.	29.77	.16	.2	88.	LOW	LOW	72.	-0.
16 59 45	305.	22.	41.	30.16	.14	.4	82.	LOW	LOW	76.	-0.
16 59 50	307.	22.	43.	30.13	.13	.3	74.	LOW	LOW	79.	-0.
17 0 0	307.	22.	47.	30.22	.14	.4	66.	LOW	LOW	82.	-2.
17 45 23	276.	19.	45.	30.16	.13	.4	68.	LOW	LOW	79.	0.
17 45 28	273.	19.	46.	30.04	.13	.1	71.	LOW	LOW	80.	-1.
17 45 33	271.	20.	51.	29.95	.15	.4	80.	LOW	LOW	79.	0.
17 45 39	273.	20.	47.	29.52	.13	.2	71.	LOW	LOW	76.	-0.
17 45 44	267.	21.	47.	29.86	.13	.3	75.	LOW	LOW	77.	-0.
17 45 49	276.	23.	49.	29.98	.16	.3	74.	LOW	LOW	77.	-0.
17 45 54	276.	21.	39.	30.10	.15	.3	85.	LOW	LOW	74.	-0.
17 46 4	275.	21.	29.	30.04	.13	.2	84.	LOW	LOW	77.	-0.
17 46 9	275.	21.	32.	29.94	.09	.1	88.	LOW	LOW	76.	-0.
17 46 14	273.	21.	31.	29.94	.11	.1	88.	LOW	LOW	78.	-1.
17 46 19	271.	20.	30.	29.94	.09	.1	88.	LOW	LOW	78.	-1.
17 46 32	277.	20.	49.	29.98	.19	.7	68.	LOW	LOW	80.	-0.
17 46 34	276.	20.	42.	30.10	.14	.4	68.	LOW	LOW	79.	-0.
17 46 39	274.	19.	51.	30.10	.15	.5	58.	LOW	LOW	75.	0.
17 46 39	275.	19.	44.	29.86	.14	.4	60.	LOW	LOW	78.	-0.
17 47 37	260.	20.	49.	30.07	.16	.5	77.	LOW	LOW	78.	-0.
17 47 42	266.	20.	51.	30.10	.16	.2	67.	LOW	LOW	78.	-0.
17 47 47	275.	20.	39.	30.13	.11	.4	65.	LOW	LOW	79.	-1.
17 47 52	275.	20.	45.	29.74	.12	.2	65.	LOW	LOW	79.	-1.
17 47 57	277.	21.	45.		.12	.2		LOW	LOW		

TIME M/M/S	06	EC 49 TEMP AIR	EC 50 PRESS STATIC	EC 56 PRESS STATIC	EC 38 TEMP AIR	EC 54 PRESS REF	EC 63 PRESS STATIC	EC 54 PRESS REF	EC 63 PRESS STATIC	EC 34 PRESS STATIC	EC 40 TEMP AIR	EC 39 TEMP AIR	EC 160 TEMP AIR	EC 101 TEMP AIR	EC 52 TEMP AIR	EC 53 PRESS STATIC
17 58 33	266.	21.	.46	136.	29.92	.14	.4	78.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	-1.
17 58 38	255.	21.	.37	132.	30.16	.17	.2	71.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	-0.
17 58 43	256.	21.	.44	150.	30.04	.10	.2	80.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	-0.
17 58 48	256.	21.	.33	168.	30.34	.07	.3	74.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	-0.
17 58 53	253.	22.	.37	132.	30.19	.03	.2	80.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	-0.
17 58 58	257.	22.	.41	224.	30.10	.02	.2	80.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	-0.
17 59 3	256.	22.	.47	237.	29.92	.02	.1	86.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	-0.
17 59 8	260.	22.	.41	255.	30.10	.03	.1	102.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	-0.
17 59 13	259.	22.	.43	260.	30.04	.03	.1	94.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	-0.
17 59 18	255.	22.	.59	275.	29.52	.15	.5	93.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	-0.
17 59 23	259.	23.	.48	249.	29.86	.13	.5	81.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	-0.
17 59 28	260.	23.	.35	139.	30.16	.13	.4	69.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	-0.
17 59 33	261.	22.	.43	177.	30.07	.11	.4	82.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	-0.
17 59 38	258.	22.	.49	177.	30.22	.10	.2	83.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	-0.
18 0 39	271.	11.	.52	163.	29.95	.07	.2	65.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	-0.
18 0 44	274.	-1.	.20	145.	29.80	.03	.1	68.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	-0.
18 0 49	275.	-0.	.09	156.	29.92	.05	.2	73.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	-0.
18 0 54	270.	-0.	.22	151.	29.96	.02	.2	83.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	-0.
18 0 59	271.	-0.	.28	156.	30.04	.04	.2	60.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	-0.
18 1 4	270.	-0.	.08	147.	29.98	.06	.3	71.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	-0.
18 1 9	265.	-0.	.13	139.	29.86	.03	.1	73.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	-0.
18 1 14	265.	-0.	.14	149.	29.74	.00	.1	80.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	-0.
18 1 19	264.	-0.	.15	143.	29.74	.03	.1	78.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	-0.
18 1 24	264.	-0.	.04	171.	30.40	.05	.3	83.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	-0.
18 1 29	255.	1.	.04	171.	30.40	.05	.3	83.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	-0.
18 1 34	256.	0.	.07	153.	30.07	.04	.3	82.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	-0.
18 1 39	255.	0.	.02	163.	30.10	.01	.1	93.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	-0.
18 1 44	255.	0.	.05	161.	29.98	.01	.1	31.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	-0.
18 1 49	253.	-0.	.12	136.	29.92	.01	.0	73.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	-0.
18 1 54	251.	-0.	.07	149.	30.04	.03	.2	83.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	-0.
18 1 59	244.	-0.	.16	149.	29.52	.04	.2	80.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	-0.
18 2 4	245.	-0.	.13	146.	29.77	.04	.2	80.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	-0.
18 2 9	246.	-0.	.06	139.	29.92	.07	.2	81.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	-0.
18 2 14	245.	-0.	.16	135.	29.77	.00	.1	87.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	-0.
18 2 19	246.	-0.	.14	137.	29.77	.03	.1	86.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	-0.
18 2 24	245.	-0.	.19	137.	29.74	.03	.0	84.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	-0.
18 2 29	181.	-0.	.02	114.	29.92	.01	.3	125.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	-0.
18 2 34	181.	-0.	.01	106.	30.04	.01	.2	119.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	-0.
18 2 39	183.	-0.	.20	134.	29.74	.02	.1	112.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	-0.
18 2 44	179.	-0.	.05	127.	30.01	.03	.0	113.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	-0.
18 2 49	171.	-1.	.13	136.	30.34	.00	.0	128.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	-0.
18 2 54	175.	-1.	.01	130.	30.22	.07	.0	121.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	-0.
18 2 59	172.	-1.	.33	120.	30.22	.04	.1	127.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	-0.
18 3 4	165.	1.	.04	134.	30.13	.00	.1	115.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	-0.
18 3 9	164.	0.	.03	124.	30.07	.02	.1	116.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	-0.
18 3 14	161.	-1.	.06	124.	29.86	.04	.1	110.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	-0.
18 3 19	167.	-0.	.05	126.	29.80	.04	.1	97.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	-0.
18 3 24	166.	0.	.14	106.	29.90	.01	.1	59.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	-0.
18 3 29	166.	0.	.10	116.	30.28	.01	.1	59.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	-0.

TIME H/M/S	EC 49 TEMP AIR CONSTR OF HCI 14 SENSOR	EC 50 PRESS STATIC DANSTR HUF AIR SENSOR	EC 50 PRESS STATIC FWD EQUIP JAYATV ENTUR	EC 38 TEMP AIR DANSTR OF PRI HX	EC 34 PRESS REF DANSTR	EC 60 PRESS STATIC SVC AR HA RAM INLET MEASUR	EC 54 PRESS STATIC SERVLE AIR HX	EC 40 TEMP AIR RAM INLET K/M PRI HX	EC 99 TEMP AMB FIN TIP COMPT	EC 100 TEMP AMB FIN TIP COMPT	EC 101 TEMP AMB FIN TIP COMPT	EC 52 TEMP SUITLE TRAIN REMOV LNZZL E	EC 53 PRESS MAIN RENOVL NOZZLE OUTLET L/H
18 22 5	165.	-1.	.12	110.	29.74	0.0	.3	117.	103.41	169.2	250.3	80.	-0.
18 22 10	164.	-0.	.13	109.	29.09	0.0	.1	106.	153.39	167.6	252.2	79.	-1.
18 22 15	164.	-0.	.16	117.	30.22	-0.1	0.0	106.	153.39	167.6	252.2	79.	-1.
18 22 20	164.	-0.	.14	112.	30.25	-0.1	.2	103.	164.38	166.3	250.3	72.	-0.
18 22 25	163.	-1.	.06	106.	30.16	.01	.2	94.	164.38	166.3	250.3	71.	-0.
18 22 30	163.	-1.	.11	114.	30.10	.02	.1	99.	164.38	166.3	250.3	71.	-0.
18 22 35	163.	0.	.12	119.	30.28	.03	.2	115.	163.74	165.0	231.5	78.	-0.
18 22 40	163.	0.	.09	122.	30.01	.02	.1	114.	163.41	165.4	232.5	78.	-0.
18 22 45	165.	0.	-.02	107.	29.36	.00	-.3	111.	163.39	164.4	228.0	81.	-0.
18 22 50	166.	-0.	.11	116.	30.19	0.00	-.3	111.	163.41	164.7	180.2	85.	-0.
18 22 55	165.	-0.	.20	115.	29.30	.04	.2	125.	162.76	166.3	141.9	85.	-0.
18 23 0	164.	-0.	.16	116.	29.86	.03	.2	118.	164.71	166.6	140.8	79.	-1.
									164.38	166.6	179.8	76.	-1.

COMPUTATOR

TIME H/M/S	EL 56 PRESS RAM AR PRIMRY HA MSUB NLET	EC 57 PRESS RAM AR PRIMRY HA MSUB NLET	EC 58 PRESS RAM AR PRIMRY HA MSUB NLET	EC 59 PRESS STATIC PRIMRY HA MSUB NLET	EC 59 PRESS STATIC PRIMRY HA MSUB NLET	EC 59 PRESS STATIC PRIMRY HA MSUB NLET	PR 24 TEMP AIR INLET AUX LIP	PR 25 TEMP AIR INLET COML LIP L/H	PR 26 TEMP SURFAC COML LIP L/H	PR 27A TEMP SURFAC COML LIP L/H	PR 27B TEMP SURFAC COML LIP L/H	PR 28 TEMP AIR INLET SPIKE TIP	PR 13 TEMP CSO L/H/MC
16 19 3	0.00	-0.51	.16	.09	.4	-0.41	67.	LOM	LOM	LOM	LOM	71.	LOM
16 19 6	.06	-0.22	.13	.04	.1	-0.30	57.	LOM	LOM	LOM	LOM	72.	LOM
16 19 13	-0.04	0.00	.20	.04	-0.1	-0.29	57.	LOM	LOM	LOM	LOM	71.	LOM
16 19 31	-0.12	.14	.06	.03	-0.1	-0.32	58.	LOM	LOM	LOM	LOM	72.	LOM
16 19 28	-0.06	.23	.12	.02	.2	-0.35	58.	LOM	LOM	LOM	LOM	71.	LOM
16 19 33	-0.24	.23	.06	.02	.2	-0.37	58.	LOM	LOM	LOM	LOM	73.	LOM
16 19 33	-0.14	.23	.04	.04	.1	-0.15	53.	LOM	LOM	LOM	LOM	73.	LOM
16 19 38	-0.20	.18	.20	.04	.1	-0.44	53.	LOM	LOM	LOM	LOM	73.	LOM
16 19 43	-0.12	.16	.20	.03	0.0	-0.30	57.	LOM	LOM	LOM	LOM	73.	LOM
16 19 48	.10	.25	.18	.01	0.0	-0.32	57.	LOM	LOM	LOM	LOM	73.	LOM
16 19 53	-0.43	.04	.27	.04	-0.1	-0.41	55.	LOM	LOM	LOM	LOM	73.	LOM
16 19 58	-0.29	.10	.25	.02	0.0	-0.45	57.	LOM	LOM	LOM	LOM	66.	LOM
16 20 4	0.00	.27	.12	0.03	.1	-0.35	58.	LOM	LOM	LOM	LOM	69.	LOM
15 21 9	-0.35	.14	.13	.02	-0.0	-0.20	58.	LOM	LOM	LOM	LOM	73.	LOM
16 21 26	-0.18	.39	.12	.04	.3	-0.25	78.	LOM	LOM	LOM	LOM	73.	LOM
16 21 31	-0.18	.35	.14	.03	.2	-0.26	79.	LOM	LOM	LOM	LOM	73.	LOM
16 21 36	0.00	.16	.23	.05	.1	-0.36	50.	LOM	LOM	LOM	LOM	76.	LOM
16 21 41	-0.08	.08	.14	.05	.1	-0.62	80.	LOM	LOM	LOM	LOM	75.	LOM
16 21 46	0.00	-0.04	.04	.01	-0.0	-0.12	76.	LOM	LOM	LOM	LOM	71.	LOM
16 21 51	-0.20	.22	.04	.01	-0.1	-0.25	75.	LOM	LOM	LOM	LOM	72.	LOM
16 21 56	-0.16	.08	.00	.02	.3	-0.20	74.	LOM	LOM	LOM	LOM	74.	LOM
16 22 1	-0.33	-0.10	.10	.02	.2	-0.37	74.	LOM	LOM	LOM	LOM	73.	LOM
16 22 6	0.00	.23	.12	.03	.3	-0.44	59.	LOM	LOM	LOM	LOM	71.	LOM
16 22 11	-0.02	.11	.02	.07	.2	-0.25	71.	LOM	LOM	LOM	LOM	70.	LOM
16 22 16	-0.08	.43	.08	.11	.3	0.00	59.	LOM	LOM	LOM	LOM	74.	LOM
16 22 21	-0.14	.45	.06	.13	.3	-0.37	69.	LOM	LOM	LOM	LOM	72.	LOM
16 22 34	-0.23	.47	.00	.12	.4	0.00	71.	LOM	LOM	LOM	LOM	71.	LOM
16 22 36	-0.22	.33	.05	.13	.2	-0.19	71.	LOM	LOM	LOM	LOM	70.	LOM
16 22 41	-0.27	.36	.12	.15	.2	-0.10	70.	LOM	LOM	LOM	LOM	73.	LOM
16 22 46	-0.19	.16	.13	.11	.1	-0.10	70.	LOM	LOM	LOM	LOM	73.	LOM
16 22 51	-0.20	.43	.18	.14	.4	-0.21	71.	LOM	LOM	LOM	LOM	74.	LOM
16 22 56	-0.37	.23	.16	.14	.3	-0.11	71.	LOM	LOM	LOM	LOM	74.	LOM
16 23 1	-0.14	.20	.23	.15	.3	-0.23	57.	LOM	LOM	LOM	LOM	71.	LOM
16 23 9	-0.16	.12	.20	.15	.2	-0.21	58.	LOM	LOM	LOM	LOM	71.	LOM
16 23 6	-0.14	.09	.23	.14	.3	-0.12	57.	LOM	LOM	LOM	LOM	71.	LOM
16 23 11	-0.12	.15	.23	.17	.3	-0.13	56.	LOM	LOM	LOM	LOM	57.	LOM
16 23 16	-0.18	-0.43	.04	.13	.1	-0.00	70.	LOM	LOM	LOM	LOM	74.	LOM
16 23 21	-0.16	-0.16	.10	.12	.2	-0.09	59.	LOM	LOM	LOM	LOM	73.	LOM
16 23 26	.16	.16	.08	.15	.1	.04	58.	LOM	LOM	LOM	LOM	72.	LOM
16 23 32	-0.29	.27	.12	.13	.2	.04	58.	LOM	LOM	LOM	LOM	72.	LOM
16 23 37	-0.18	.27	.31	.15	.3	0.00	57.	LOM	LOM	LOM	LOM	71.	LOM
16 23 42	-0.14	.25	.22	.14	.2	.01	59.	LOM	LOM	LOM	LOM	71.	LOM
16 23 47	-0.16	.12	.27	.15	.3	-0.30	59.	LOM	LOM	LOM	LOM	73.	LOM
16 23 52	-0.16	.02	.16	.15	.3	-0.20	58.	LOM	LOM	LOM	LOM	72.	LOM
16 23 57	.31	-0.04	.23	.07	.2	-0.10	59.	LOM	LOM	LOM	LOM	73.	LOM

[illegible]

TIME H/M/S	EL 56 PRESS RAM AIR PRIMRY HX MSUB NLET	EL 57 PRESS RAM AIR PRIMRY HX MSUB NLET	EL 58 PRESS RAM AIR PRIMRY HX MSUB NLET	EL 59 PRESS STATIC PRIMRY HX MEASUR INLET	EL 60 PRESS STATIC PRIMRY HX HEADER OUTLET	EL 61 PRESS STATIC RAM AIR	PR 24 TEMP AIR INLET AUX LIP	PR 25 TEMP AIR INLET CONL L/M	PR 26 TEMP SURFAC AUX LIP	PR 27A TEMP SURFAC CONL LIP 25 DEG	PR 27B TEMP SURFAC CONL LIP 25 DEG	PR 28 TEMP AIR INLET SPIKE TIP	FR 13 TEMP CSO L/HENG
16 48 34	-1.08	.27	-.04	.16	0.0	-.32	1.00	848.	64.	848.	69.	74.	174.
16 48 39	-1.10	.24	-.06	.15	.1	-.10	1.06	848.	63.	848.	69.	76.	176.
16 48 44	-1.08	.16	-.04	.17	.3	-.20	1.06	848.	64.	848.	71.	68.	159.
16 48 49	-1.06	.08	-.04	.17	.3	-.01	1.06	848.	55.	848.	71.	69.	164.
16 48 54	-.14	.31	-.08	.17	.1	0.01	1.07	848.	76.	848.	74.	09.	108.
16 48 59	0.00	.10	-.10	.18	.2	-.04	1.09	848.	72.	848.	73.	71.	172.
16 49 4	-1.11	.35	-.20	.13	.2	-.63	1.06	848.	04.	848.	67.	59.	170.
16 49 9	-1.11	.18	-.10	.15	.3	0.03	1.11	848.	03.	848.	67.	72.	172.
16 49 14	-1.12	0.00	-.06	.16	-.2	-.09	1.11	848.	03.	848.	67.	72.	172.
16 49 19	-1.23	-.20	-.12	.16	-.1	-.11	1.11	848.	03.	848.	67.	72.	172.
16 49 24	0.00	-.04	-.04	.20	.4	0.01	1.12	848.	07.	848.	71.	66.	107.
16 49 29	0.01	.12	-.02	.18	.2	-.03	1.12	848.	03.	848.	71.	66.	107.
16 49 34	0.01	.27	0.00	.17	.2	0.00	1.13	848.	55.	848.	69.	69.	171.
16 49 39	-.06	.22	0.00	.16	.1	0.00	1.13	848.	64.	848.	70.	74.	176.
16 49 44	-.12	0.00	0.00	.15	-.0	-.10	1.13	848.	66.	848.	74.	68.	176.
16 49 49	-.31	.20	0.00	.13	.1	-.10	1.13	848.	67.	848.	73.	07.	172.
16 49 54	-.21	-.47	-.16	.18	.2	-.03	1.13	848.	61.	848.	69.	76.	187.
16 50 4	-.16	-.27	-.18	.17	.2	-.13	1.17	848.	61.	848.	69.	73.	181.
16 50 9	-.16	.04	-.04	.14	0.0	-.59	1.17	848.	65.	848.	73.	73.	184.
16 50 14	-.16	.16	-.09	.13	.1	-.23	1.18	848.	65.	848.	73.	74.	185.
16 50 19	-.12	.08	-.12	.17	.3	0.00	1.19	848.	53.	848.	69.	71.	175.
16 50 24	-.25	-.04	-.02	.17	.3	0.00	1.19	848.	65.	848.	70.	70.	174.
16 50 29	0.00	.27	0.00	.17	.0	-.12	1.17	848.	64.	848.	73.	71.	172.
16 50 34	-.12	.14	-.02	.19	.1	-.03	1.20	848.	04.	848.	72.	71.	175.
16 50 39	-.04	.16	0.00	.17	.3	-.09	1.17	848.	61.	848.	71.	59.	175.
16 50 44	-.04	.10	-.23	.16	.2	-.01	1.21	848.	01.	848.	74.	71.	179.
16 50 49	-.14	.06	-.08	.21	.4	-.01	1.17	848.	63.	848.	73.	69.	178.
16 50 54	-.23	.12	0.00	.17	.3	-.18	1.17	848.	63.	848.	71.	68.	174.
16 51 0	-.14	.04	-.16	.17	.2	-.06	1.21	848.	63.	848.	71.	76.	187.
16 51 13	-.55	.27	.12	.14	.3	-.06	1.18	848.	54.	848.	71.	76.	187.
16 51 18	-.39	.14	.12	.14	.1	-.13	1.23	848.	54.	848.	71.	76.	187.
16 51 23	0.01	.23	.06	.15	.2	-.03	1.23	848.	54.	848.	71.	76.	187.
16 51 28	-.22	-.02	-.02	.16	.1	-.13	1.20	848.	63.	848.	74.	74.	192.
16 51 33	-.16	.04	0.00	.17	.1	-.13	1.20	848.	65.	848.	74.	74.	192.
16 51 38	-.37	.06	0.06	.16	.2	-.10	1.24	848.	67.	848.	72.	74.	187.
16 51 43	-.04	0.00	0.00	.15	.4	-.01	1.29	848.	67.	848.	72.	74.	187.
16 51 48	-.12	-.08	-.04	.13	.3	-.03	1.26	848.	67.	848.	72.	74.	187.
16 51 53	-.18	.12	-.20	.16	.2	-.29	1.26	848.	67.	848.	72.	74.	187.
16 51 58	-.16	.14	-.14	.13	.1	-.26	1.27	848.	67.	848.	72.	74.	187.
16 52 0	-.74	-.04	-.20	.15	.2	-.06	1.26	848.	67.	848.	72.	74.	187.
16 52 5	-.47	.12	-.04	.11	.0	-.44	1.24	848.	67.	848.	72.	74.	187.
16 52 10	-.20	.10	-.08	.11	.0	-.23	1.25	848.	67.	848.	72.	74.	187.
16 52 15	-.47	.16	-.04	.18	.4	-.21	1.26	848.	67.	848.	72.	74.	187.
16 52 20	-.33	-.08	-.02	.16	.2	-.06	1.26	848.	67.	848.	72.	74.	187.
16 52 25	-.30	.08	-.16	.18	.4	-.06	1.26	848.	67.	848.	72.	74.	187.
16 52 30	-.12	.04	-.12	.16	.1	-.01	1.26	848.	67.	848.	72.	74.	187.
16 52 35	-.11	.20	0.00	.26	.1	-.06	1.26	848.	67.	848.	72.	74.	187.
16 52 40	-.11	.20	0.00	.26	.1	-.06	1.26	848.	67.	848.	72.	74.	187.

TIME H/M/S	EC 56 PRESS RAM AR PRIMRY HX MSUB NLET	EC 57 PRESS RAM AR PRIMRY HX MSUB NLET	EC 58 PRESS RAM AR PRIMRY HX MSUB NLET	EC 59 PRESS STATIC PRIMRY HA HEAVER INLET	EC 50 PRESS STATIC PRIMRY 4X HEAVER OUTLET	EC 65 PRESS STATIC RAM AIR	PR 24 TEMP AIR INLET AUX LIP	PR 25 TEMP AIR INLET AUX LIP L/H	PR 20 TEMP SURFAC AUX LIP L/H	PR 27A TEMP SURFAC COML LIP L/H 25 DEG	PR 27B TEMP SURFAC COML LIP L/H 59 DEG	PR 28 TEMP AIR INLET SPIKE TIP	PK 13 TEMP CSU L/HENG
16 52 45	-0.2	.10	.04	.18	.1	.00	126.	LOW	LOW	LOW	LOW	71.	LOW
16 52 45	-0.4	.04	0.00	.19	.1	.16	129.	LOW	LOW	LOW	LOW	74.	LOW
16 52 50	-1.2	.20	.08	.16	.2	-.04	128.	LOW	LOW	LOW	LOW	73.	LOW
16 52 55	-1.2	.35	0.00	.17	.1	-.06	125.	LOW	LOW	LOW	LOW	63.	LOW
16 53 0	-1.2	.37	0.00	.17	.0	-.06	127.	LOW	LOW	LOW	LOW	70.	LOW
16 53 13	.06	.04	.12	.17	.3	-.09	124.	LOW	LOW	LOW	LOW	74.	LOW
16 53 16	.04	.10	-.12	.18	.1	-.12	125.	LOW	LOW	LOW	LOW	73.	LOW
16 53 21	-.16	.16	.14	.15	.1	-.03	125.	LOW	LOW	LOW	LOW	74.	LOW
16 53 26	0.00	.08	-.05	.16	.1	-.09	125.	LOW	LOW	LOW	LOW	73.	LOW
16 53 31	-.33	.16	.12	.15	.0	-.03	125.	LOW	LOW	LOW	LOW	74.	LOW
16 53 36	0.10	.25	.06	.16	.0	-.01	122.	LOW	LOW	LOW	LOW	63.	LOW
16 53 41	0.10	.12	-.10	.15	.3	0.00	132.	LOW	LOW	LOW	LOW	64.	LOW
16 53 46	-.22	.12	.10	.15	.1	-.10	130.	LOW	LOW	LOW	LOW	78.	LOW
16 53 51	-.16	.23	-.16	.17	.1	-.36	123.	LOW	LOW	LOW	LOW	75.	LOW
16 53 56	-.25	-.33	-.12	.15	.2	-.34	131.	LOW	LOW	LOW	LOW	74.	LOW
16 54 1	-.14	.04	-.04	.22	.0	-.25	128.	LOW	LOW	LOW	LOW	65.	LOW
16 54 6	-.43	-.08	-.10	.17	.1	-.12	129.	LOW	LOW	LOW	LOW	68.	LOW
16 54 11	-.22	.10	-.02	.15	.2	-.03	131.	LOW	LOW	LOW	LOW	69.	LOW
16 54 16	.16	.08	.04	.16	.2	-.04	128.	LOW	LOW	LOW	LOW	73.	LOW
16 54 21	-.04	.32	-.02	.15	.2	-.10	127.	LOW	LOW	LOW	LOW	74.	LOW
16 54 26	-.20	-.16	-.12	.07	.1	.12	127.	LOW	LOW	LOW	LOW	76.	LOW
16 54 31	-.04	.04	-.12	.11	.1	.04	127.	LOW	LOW	LOW	LOW	70.	LOW
16 54 36	-.14	.27	.12	.18	.1	-.21	129.	LOW	LOW	LOW	LOW	74.	LOW
16 54 41	-.14	.20	.10	.16	.1	-.09	136.	LOW	LOW	LOW	LOW	71.	LOW
16 54 46	-.16	.23	.04	.19	.1	-.25	137.	LOW	LOW	LOW	LOW	72.	LOW
16 54 51	0.00	.10	.04	.19	.1	-.26	135.	LOW	LOW	LOW	LOW	68.	LOW
16 54 56	-.14	.47	.20	.16	.1	-.06	139.	LOW	LOW	LOW	LOW	74.	LOW
16 55 1	-.27	.31	.14	.15	.0	-.01	136.	LOW	LOW	LOW	LOW	72.	LOW
16 55 6	.06	-.36	0.00	.14	.2	-.12	135.	LOW	LOW	LOW	LOW	65.	LOW
16 55 11	.04	-.31	.06	.15	.1	-.09	133.	LOW	LOW	LOW	LOW	67.	LOW
16 55 16	-.16	.31	-.12	.14	.3	.05	141.	LOW	LOW	LOW	LOW	70.	LOW
16 55 21	-.10	.27	-.04	.13	.1	0.00	141.	LOW	LOW	LOW	LOW	65.	LOW
16 55 26	-.06	.23	.23	.13	.0	0.00	141.	LOW	LOW	LOW	LOW	64.	LOW
16 55 31	-.29	.25	.20	.15	.1	-.07	143.	LOW	LOW	LOW	LOW	77.	LOW
16 55 36	-.16	.27	.04	.12	.1	-.09	143.	LOW	LOW	LOW	LOW	75.	LOW
16 55 41	-.16	.12	.10	.14	.1	0.00	147.	LOW	LOW	LOW	LOW	72.	LOW
16 55 46	0.00	.14	.20	.15	.1	0.00	145.	LOW	LOW	LOW	LOW	70.	LOW
16 55 51	0.00	-.02	.12	.15	.1	-.01	145.	LOW	LOW	LOW	LOW	72.	LOW
16 55 56	.14	-.08	0.00	.15	.0	-.06	141.	LOW	LOW	LOW	LOW	70.	LOW
16 56 0	-.04	.16	.04	.15	.1	.01	136.	LOW	LOW	LOW	LOW	72.	LOW
16 56 5	-.04	.23	.27	.13	.1	.05	144.	LOW	LOW	LOW	LOW	71.	LOW
16 56 10	-.06	.27	.18	.13	.2	.00	145.	LOW	LOW	LOW	LOW	65.	LOW
16 56 15	-.04	.04	.04	.13	.3	.14	144.	LOW	LOW	LOW	LOW	73.	LOW
16 56 20	-.16	.04	.20	.13	.0	.06	136.	LOW	LOW	LOW	LOW	65.	LOW
16 56 25	-.41	.20	.18	.13	.0	.15	136.	LOW	LOW	LOW	LOW	74.	LOW
16 56 30	-.16	.20	.18	.13	.1	.15	132.	LOW	LOW	LOW	LOW	73.	LOW
16 56 35	-.16	.14	.12	.13	.1	.15	132.	LOW	LOW	LOW	LOW	74.	LOW
16 56 40	-.11	.27	.10	.15	.1	.15	132.	LOW	LOW	LOW	LOW	73.	LOW

TIME H/M/S	EC 56 PRESS RAM AK PRIMRY HX MSUB NLET	EC 57 PRESS RAM AK PRIMRY HX MSUB NLET	EC 58 PRESS RAM AK PRIMRY HX MSUB NLET	EC 59 PRESS STATIC PRIMRY HX HEAVER INLET	EC 50 PRESS STATIC PRIMRY HX HEAVER JULIET	EC 65 PRESS STATIC RAM AIR	PR 24 TEMP AIR INLET -UX LIP	PR 25 TEMP AIR INLET COAL LIP L/M	PR 23 TEMP SURFAC AUX LIP L/M	PR 274 TEMP SURFAC COAL LIP L/M	PR 276 TEMP SURFAC COAL LIP L/M	PR 28 TEMP AIR INLET SPIKE TIP	PR 13 TEMP LSD L/MENG
17 58 33	-16	-10	-04	-11	-2	-37	96	L/M	L/M	L/M	L/M	75	L/M
17 58 38	-16	-04	-04	-14	-1	-20	33	L/M	L/M	L/M	L/M	66	L/M
17 58 43	-16	-12	000	-07	-2	-13	96	L/M	L/M	L/M	L/M	66	L/M
17 58 48	-12	-12	-04	-00	-0	-13	96	L/M	L/M	L/M	L/M	65	L/M
17 58 53	-14	-10	-10	-02	-1	-06	96	L/M	L/M	L/M	L/M	65	L/M
17 58 58	-16	-27	-16	-05	-3	-13	96	L/M	L/M	L/M	L/M	73	L/M
17 59 3	-04	-06	-04	-05	-1	-13	96	L/M	L/M	L/M	L/M	73	L/M
17 59 8	-06	-31	-47	-04	-3	-13	96	L/M	L/M	L/M	L/M	78	L/M
17 59 13	-14	-31	-37	-02	-3	-20	96	L/M	L/M	L/M	L/M	74	L/M
17 59 18	-06	-27	-55	-14	-1	-65	96	L/M	L/M	L/M	L/M	67	L/M
17 59 23	-04	-16	-33	-14	-1	-61	96	L/M	L/M	L/M	L/M	72	L/M
17 59 28	-12	-04	-18	-13	-1	-33	96	L/M	L/M	L/M	L/M	71	L/M
17 59 33	-08	-12	-14	-14	-1	-43	96	L/M	L/M	L/M	L/M	71	L/M
17 59 38	-16	-31	-04	-17	-3	-13	96	L/M	L/M	L/M	L/M	66	L/M
18 6 39	-16	-16	000	-10	-2	-10	96	L/M	L/M	L/M	L/M	66	L/M
18 6 44	-23	-14	000	-03	-3	-20	96	L/M	L/M	L/M	L/M	71	L/M
18 6 49	-10	-25	-06	-03	-2	-23	96	L/M	L/M	L/M	L/M	73	L/M
18 6 54	-04	-43	-23	-03	-2	-33	96	L/M	L/M	L/M	L/M	72	L/M
18 7 59	-04	-22	-10	-01	-3	-31	96	L/M	L/M	L/M	L/M	73	L/M
18 7 4	-04	000	-04	-02	-1	-20	96	L/M	L/M	L/M	L/M	73	L/M
18 7 9	-06	-16	-02	-03	-1	-20	96	L/M	L/M	L/M	L/M	74	L/M
18 7 14	-16	-27	-23	-01	-1	-12	96	L/M	L/M	L/M	L/M	72	L/M
18 7 24	-08	-20	-12	-03	-0	-47	96	L/M	L/M	L/M	L/M	72	L/M
18 7 39	-12	-20	-15	000	-2	-26	96	L/M	L/M	L/M	L/M	73	L/M
18 7 44	-14	-16	-08	-02	-0	-26	96	L/M	L/M	L/M	L/M	73	L/M
18 7 49	-12	-31	-31	000	-1	-21	96	L/M	L/M	L/M	L/M	74	L/M
18 7 54	-16	-29	-31	-01	-1	-22	96	L/M	L/M	L/M	L/M	74	L/M
18 7 59	-04	-20	000	-05	-1	-09	96	L/M	L/M	L/M	L/M	72	L/M
18 8 4	-02	-27	-12	-03	-0	-24	96	L/M	L/M	L/M	L/M	72	L/M
18 8 9	000	-20	-08	-05	-2	-13	96	L/M	L/M	L/M	L/M	72	L/M
18 8 14	-23	-12	-08	-03	-1	-20	96	L/M	L/M	L/M	L/M	73	L/M
18 8 19	000	-04	-04	-07	-2	-31	96	L/M	L/M	L/M	L/M	73	L/M
18 8 24	000	-04	-04	-05	-2	-31	96	L/M	L/M	L/M	L/M	73	L/M
18 8 29	000	-06	-04	-05	-3	-22	96	L/M	L/M	L/M	L/M	76	L/M
18 8 34	-06	-20	-04	-05	-2	-10	96	L/M	L/M	L/M	L/M	74	L/M
18 8 39	-35	-31	-04	-04	-2	-10	96	L/M	L/M	L/M	L/M	74	L/M
18 8 44	-22	-31	000	-04	-3	-11	96	L/M	L/M	L/M	L/M	75	L/M
18 8 49	-22	-31	000	-04	-3	-11	96	L/M	L/M	L/M	L/M	75	L/M
18 8 54	-22	-31	000	-04	-3	-11	96	L/M	L/M	L/M	L/M	75	L/M
18 9 4	-22	-31	000	-04	-3	-11	96	L/M	L/M	L/M	L/M	75	L/M
18 9 9	-22	-31	000	-04	-3	-11	96	L/M	L/M	L/M	L/M	75	L/M
18 9 14	-22	-31	000	-04	-3	-11	96	L/M	L/M	L/M	L/M	75	L/M
18 9 19	-22	-31	000	-04	-3	-11	96	L/M	L/M	L/M	L/M	75	L/M
18 9 24	-22	-31	000	-04	-3	-11	96	L/M	L/M	L/M	L/M	75	L/M
18 9 29	-22	-31	000	-04	-3	-11	96	L/M	L/M	L/M	L/M	75	L/M
18 9 34	-22	-31	000	-04	-3	-11	96	L/M	L/M	L/M	L/M	75	L/M
18 9 39	-22	-31	000	-04	-3	-11	96	L/M	L/M	L/M	L/M	75	L/M
18 9 44	-22	-31	000	-04	-3	-11	96	L/M	L/M	L/M	L/M	75	L/M
18 9 49	-22	-31	000	-04	-3	-11	96	L/M	L/M	L/M	L/M	75	L/M
18 9 54	-22	-31	000	-04	-3	-11	96	L/M	L/M	L/M	L/M	75	L/M
18 10 4	-22	-31	000	-04	-3	-11	96	L/M	L/M	L/M	L/M	75	L/M
18 10 9	-22	-31	000	-04	-3	-11	96	L/M	L/M	L/M	L/M	75	L/M
18 10 14	-22	-31	000	-04	-3	-11	96	L/M	L/M	L/M	L/M	75	L/M
18 10 19	-22	-31	000	-04	-3	-11	96	L/M	L/M	L/M	L/M	75	L/M
18 10 24	-22	-31	000	-04	-3	-11	96	L/M	L/M	L/M	L/M	75	L/M
18 10 29	-22	-31	000	-04	-3	-11	96	L/M	L/M	L/M	L/M	75	L/M
18 10 34	-22	-31	000	-04	-3	-11	96	L/M	L/M	L/M	L/M	75	L/M
18 10 39	-22	-31	000	-04	-3	-11	96	L/M	L/M	L/M	L/M	75	L/M
18 10 44	-22	-31	000	-04	-3	-11	96	L/M	L/M	L/M	L/M	75	L/M
18 10 49	-22	-31	000	-04	-3	-11	96	L/M	L/M	L/M	L/M	75	L/M
18 10 54	-22	-31	000	-04	-3	-11	96	L/M	L/M	L/M	L/M	75	L/M
18 11 4	-22	-31	000	-04	-3	-11	96	L/M	L/M	L/M	L/M	75	L/M
18 11 9	-22	-31	000	-04	-3	-11	96	L/M	L/M	L/M	L/M	75	L/M
18 11 14	-22	-31	000	-04	-3	-11	96	L/M	L/M	L/M	L/M	75	L/M
18 11 19	-22	-31	000	-04	-3	-11	96	L/M	L/M	L/M	L/M	75	L/M
18 11 24	-22	-31	000	-04	-3	-11	96	L/M	L/M	L/M	L/M	75	L/M
18 11 29	-22	-31	000	-04	-3	-11	96	L/M	L/M	L/M	L/M	75	L/M
18 11 34	-22	-31	000	-04	-3	-11	96	L/M	L/M	L/M	L/M	75	L/M
18 11 39	-22	-31	000	-04	-3	-11	96	L/M	L/M	L/M	L/M	75	L/M
18 11 44	-22	-31	000	-04	-3	-11	96	L/M	L/M	L/M	L/M	75	L/M
18 11 49	-22	-31	000	-04	-3	-11	96	L/M	L/M	L/M	L/M	75	L/M
18 11 54	-22	-31	000	-04	-3	-11	96	L/M	L/M	L/M	L/M	75	L/M
18 12 4	-22	-31	000	-04	-3	-11	96	L/M	L/M	L/M	L/M	75	L/M
18 12 9	-22	-31	000	-04	-3	-11	96	L/M	L/M	L/M	L/M	75	L/M
18 12 14	-22	-31	000	-04	-3	-11	96	L/M	L/M	L/M	L/M	75	L/M
18 12 19	-22	-31	000	-04	-3	-11	96	L/M	L/M	L/M	L/M	75	L/M
18 12 24	-22	-31	000	-04	-3	-11	96	L/M	L/M	L/M	L/M	75	L/M
18 12 29	-22	-31	000	-04	-3	-11	96	L/M	L/M	L/M	L/M	75	L/M
18 12 34	-22	-31	000	-04	-3	-11	96	L/M	L/M	L/M	L/M	75	L/M
18 12 39	-22	-31	000	-04	-3	-11	96	L/M	L/M	L/M	L/M	75	L/M
18 12 44	-22	-31	000	-04	-3	-11	96	L/M	L/M	L/M	L/M	75	L/M
18 12 49	-22	-31	000	-04	-3	-11	96	L/M	L/M	L/M	L/M	75	L/M
18 12 54	-22	-31	000	-04	-3	-11	96	L/M	L/M	L/M	L/M	75	L/M
18 13 4	-22	-31	000	-04	-3	-11	96	L/M	L/M	L/M	L/M	75	L/M
18 13 9	-22	-31	000	-04	-3	-11	96	L/M	L/M	L/M	L/M	75	L/M
18 13 14	-22	-31	000	-04	-3	-11	96	L/M	L/M	L/M	L/M	75	L/M
18 13 19	-22	-31	000	-04	-3	-11	96	L/M	L/M	L/M	L/M	75	L/M
18 13 24	-22	-31	000	-04	-3	-11	96	L/M	L/M	L/M	L/M	75	L/M
18 13 29	-22	-31	000	-04	-3	-11	96	L/M	L/M	L/M	L/M	75	L/M
18 13 34	-22	-31	000	-04	-3	-11	96	L/M	L/M	L/M	L/M	75	L/M
18 13 39	-22	-31	000	-04	-3	-11	96	L/M	L/M	L/M	L/M	75	L/M
18 13 44	-22	-31	000	-04	-3	-11	96	L/M	L/M	L/M	L/M	75	L/M
18 13 49	-22	-31	000	-04	-3	-11	96	L/M	L/M	L/M	L/M	75	L/M
18 13 54	-22	-31	000	-04	-3	-11	96	L/M	L/M	L/M	L/M	75	L/M
18 14 4	-22	-31	000	-04	-3	-11	96	L/M	L/M	L/M	L/M	75	L/M
18 14 9	-22	-31	000	-04	-3	-11	96	L/M	L/M	L/M	L/M	75	L/M
18 14 14	-22	-31	000	-04	-3	-11	96	L/M	L/M	L/M	L/M	75	L/M
18 14 19	-22	-31	000	-04	-3	-11	96	L/M	L/M	L/M	L/M	75	L/M
18 14 24	-22	-31	000	-04	-3	-11	96	L/M	L/M	L/M	L/M	75	L/M
18 14 29	-22	-31	000	-04	-3	-11	96	L/M	L/M	L/M	L/M	75	L/M
18 14 34	-22	-31	000	-04	-3	-11	96	L/M	L/M	L/M	L/M	75	L/M
18 14 39	-22	-31	000	-04	-3	-11	96	L/M	L/M	L/M	L/M	75	L/M
18 14 44	-22	-31	000	-04	-3	-11	96	L/M	L/M	L/M	L/M	75	L/M
18 14 49	-22	-31	000	-04	-3	-11	96	L/M	L/M	L/M	L/M	75	L/M
18 14 54	-22	-31	000	-04	-3	-11	96	L/M	L/M	L/M	L/M	75	L/M
18 15 4	-22	-31	000	-04	-3	-11	96	L/M	L/M	L/M	L/M	75	L/M
18 15 9	-22	-31	000	-04	-3	-11	96	L/M	L/M	L/M	L/M	75	L/M
18 15 14	-22	-31	000	-04	-3	-11	96	L/M	L/M	L/M	L/M	75	L/M
18 15 19	-22	-31	000	-04	-3	-11	96	L/M	L/M	L/M	L/M	75	L/M
18 15 24	-22	-31	000	-04	-3	-11	96	L/M	L/M	L/M	L/M	75	L/M
18 15 29	-22	-31	000	-04	-3	-11	96	L/M	L/M	L/M	L/M	75	L/M
18 15 34	-22	-31	000	-04	-3	-11	96	L/M	L/M	L/M	L/M	75	L/M
18 15 39	-22	-31	000	-04	-3	-11	96	L/M	L/M	L/M	L/M	75	L/M
18 15 44	-22	-31	000	-04	-3	-11	96	L/M	L/M	L/M	L/M	75	L/M
18 15 49	-22	-31	000										

TIME H/M/S	EC 36 PRESS KAM AK PRIMRY HX MSUB PLEI	LU 37 PRESS KAM AK PRIMRY HX MSUB NLET	EG 38 PRESS KAM AR PRIMRY HX MSUB NLET	ES 39 PRESS STATIC KAM AIR	PR 24 TEMP AIR INLET AUX LIP	PR 25 TEMP AIR INLET COHL LIP LYH	PR 26 TEMP SURFAC COHL LIP LYH	PR 27A TEMP SURFAC COHL LIP LYH 25 DEG	PR 27B TEMP SURFAC COHL LIP LYH 39 DEG	PR 28 TEMP AIR INLET SPIKE TIP	FK 12 TEMP CSU L/HENG
16 22 5	-0.31	-0.31	.04	.71	89.	848.	63.	67.	57.	71.	233.
16 22 10	-0.18	-0.18	.15	.57	70.	848.	65.	68.	55.	72.	232.
16 22 15	-0.35	-0.35	.09	.53	53.	848.	65.	68.	58.	73.	230.
16 22 20	-0.27	-0.27	.10	.59	51.	848.	65.	68.	67.	73.	231.
16 22 25	-0.51	-0.51	.20	.50	59.	848.	63.	68.	68.	71.	237.
16 22 30	-0.23	-0.23	.04	.50	59.	848.	63.	68.	68.	72.	233.
16 22 35	0.01	0.01	.39	.32	59.	848.	63.	68.	57.	72.	235.
16 22 40	0.10	0.10	.31	.35	70.	848.	63.	68.	69.	73.	232.
16 22 45	-0.27	-0.27	.08	.62	72.	848.	70.	69.	63.	73.	233.
16 22 50	-0.14	-0.14	.03	.34	71.	848.	70.	65.	69.	73.	234.
16 22 55	0.04	0.04	0.00	.21	72.	848.	71.	71.	69.	74.	236.
16 23 0	-0.31	-0.31	-0.20	.32	71.	848.	59.	70.	63.	74.	235.

07

TIME M/H/S	PR 14 TEMP MASS GEAR CASE	PR 15 TEMP MASS MAIN FUEL CONTRL L/HENG	PR 29 TEMP SURFAC SPIKE TIP	PR 31 TEMP AIR INLET AIR LSE FR FRA	EC 57 TEMP VANFLD PORTEX SEMIK	AF 1- PRESS A/B FUE- CONTRL INLET	AF 11 PRESS A/B FUEL CONTRL OUTLET	SP 2 PRESS HYD OIL INLET PUMP	SP 4 PRESS HYD OIL OUTLET PUMP	SP 5 PRESS HYD OIL INLET PUMP	SP 6 PRESS HYD OIL OUTLET PUMP	AF 14 PRESS AIR FWD FUEL TANK	AF 10 PRESS FUEL OIL COOLLR OUTLET L/HENG
16 19 3	LOK	LOM	LOM	57.	71.	-23.	7.6	95.7	73.	102.	20.	.13	6.
16 19 4	LOK	LOM	LOM	66.	71.	-22.	5.1	96.8	61.	101.	24.	.14	-1.
16 19 13	LOK	LOM	LOM	66.	70.	-19.	5.9	95.7	69.	101.	24.	.22	-1.
16 19 31	LOK	LOM	LOM	66.	70.	-20.	5.4	96.4	32.	101.	19.	.15	-3.
16 19 20	LOK	LOM	LOM	65.	71.	-15.	5.4	96.5	32.	101.	29.	.26	-2.
16 19 33	LOK	LOM	LOM	67.	71.	-20.	6.6	90.3	17.	101.	29.	.22	1.
16 19 33	LOK	LOM	LOM	68.	69.	-23.	5.4	94.9	34.	102.	0.	.10	-0.
16 19 38	LOM	LOM	LOM	68.	69.	-22.	5.4	95.7	37.	101.	7.	.14	2.
16 19 38	LOM	LOM	LOM	67.	70.	-23.	5.4	96.3	34.	98.	15.	.12	5.
16 19 43	LOK	LOM	LOM	67.	71.	-25.	5.1	96.2	51.	101.	7.	.15	5.
16 19 48	LOK	LOM	LOM	63.	71.	-25.	5.8	95.2	137.	95.	5.	.21	2.
16 19 53	LOK	LOM	LOM	65.	70.	-24.	5.1	95.0	117.	100.	5.	.23	-3.
16 19 58	LOK	LOM	LOM	65.	70.	-18.	4.4	94.9	73.	101.	39.	.16	2.
16 20 4	LOM	LOM	LOM	68.	70.	-20.	5.1	96.3	51.	102.	29.	.15	3.
16 21 9	LOK	LOM	LOM	68.	84.	0.	5.4	87.0	49.	84.	0.	.06	6.
16 21 26	LOK	LOM	LOM	68.	83.	3.	5.6	86.0	34.	84.	0.	.07	4.
16 21 31	LOK	LOM	LOM	69.	85.	4.	5.4	86.5	34.	85.	-5.	.07	3.
16 21 36	LOK	LOM	LOM	68.	85.	5.	5.4	86.5	44.	83.	12.	.14	2.
16 21 41	LOK	LOM	LOM	69.	85.	6.	8.3	85.8	13.	84.	-5.	.12	3.
16 21 46	LOK	LOM	LOM	69.	77.	3.	7.6	86.5	29.	84.	5.	.15	1.
16 21 51	LOK	LOM	LOM	69.	75.	0.	5.4	86.2	34.	85.	-49.	.22	2.
16 21 56	LOK	LOM	LOM	66.	75.	12.	5.1	86.6	39.	85.	-27.	.23	1.
16 22 1	LOK	LOM	LOM	68.	72.	4.	5.4	87.2	13.	64.	-20.	.18	2.
16 22 6	LOM	LOM	LOM	68.	74.	4.	5.4	84.5	34.	64.	-32.	.19	1.
16 22 11	LOK	LOM	LOM	68.	74.	-2.	5.4	81.5	6.	85.	-10.	.07	1.
16 22 15	LOK	LOM	LOM	67.	73.	2.	5.4	82.2	34.	85.	5.	.29	2.
16 22 21	LOK	LOM	LOM	67.	73.	6.	5.9	82.1	24.	86.	29.	.16	2.
16 22 34	LOK	LOM	LOM	69.	72.	5.	5.1	82.8	37.	85.	24.	.15	2.
16 22 36	LOK	LOM	LOM	69.	75.	2.	5.4	82.6	29.	85.	20.	.18	4.
16 22 41	LOK	LOM	LOM	69.	77.	5.	5.6	82.8	32.	86.	17.	.17	2.
16 22 46	LOK	LOM	LOM	69.	75.	0.	7.3	82.3	43.	85.	-5.	.16	1.
16 22 51	LOK	LOM	LOM	69.	75.	0.	7.1	82.4	43.	86.	-27.	.23	2.
16 22 56	LOK	LOM	LOM	68.	72.	-2.	7.3	83.1	21.	85.	0.	.32	4.
16 23 1	LOK	LOM	LOM	63.	69.	2.	7.3	83.1	21.	85.	2.	.33	4.
16 23 9	LOK	LOM	LOM	68.	69.	4.	6.4	82.1	54.	86.	-20.	.25	0.
16 23 6	LOK	LOM	LOM	68.	69.	0.	5.9	81.5	44.	86.	-2.	.25	1.
16 23 11	LOK	LOM	LOM	68.	71.	0.	5.9	80.4	10.	86.	0.	.10	-1.
16 23 16	LOK	LOM	LOM	69.	74.	3.	5.4	79.6	12.	85.	-2.	.15	2.
16 23 21	LOK	LOM	LOM	69.	74.	-2.	5.4	78.4	156.	87.	-5.	.10	1.
16 23 26	LOK	LOM	LOM	67.	68.	-1.	5.0	75.4	93.	87.	-5.	.10	0.
16 23 32	LOK	LOM	LOM	67.	70.	0.	-5	71.6	44.	85.	-5.	.26	2.
16 23 37	LOK	LOM	LOM	67.	68.	0.	2.9	71.7	27.	85.	-5.	.21	2.
16 23 42	LOK	LOM	LOM	68.	71.	0.	3.4	70.2	49.	85.	-5.	.09	4.
16 23 47	LOK	LOM	LOM	67.	73.	3.	4.4	70.7	43.	85.	-39.	.21	3.
16 23 52	LOK	LOM	LOM	67.	71.	4.	5.8	69.9	24.	86.	-5.	.22	1.
16 23 57	LOK	LOM	LOM	66.	73.								

TIME H/M/S	PR 14 TEMP MASS GEAR CASE	PR 10 TEMP MASS FUEL CONTROL L/HENG	PR 29 TEMP SURFAC SPIKE TIP	PR 31 TEMP AIR INLET AIR LSE FRA	EC 67 TEMP MANOLD PORT-X JENRTR	AF 10 PRESS A/B FUEL CONTROL INLET	AF 11 PRESS A/B FUEL CONTROL OUTLET	SP 2 PRESS HYD OIL INLET UTL PUMP	SP + PRESS HYD OIL OUTLET UTL PUMP	SP 0 PRESS HYD OIL INLET PRIMARY PUMP	SP 0 PRESS HYD OIL OUTLET PRIMARY PUMP	AF 14 PRESS AIR FWD FUEL TANK	AF 19 PRESS FUEL OIL COOLER OUTLET L/HENG
10 39 34	LUM	LUM	LUM	99.	72.	10.	6.6	70.1	23.	86.	-7.	.15	0.
10 39 35	LUM	LUM	LUM	74.	72.	6.	5.4	75.1	24.	87.	0.	.15	4.
16 38 44	LUM	LUM	LUM	59.	72.	33.	5.1	75.1	1513.	86.	1.69.	.18	3.
16 38 49	LUM	LUM	LUM	59.	72.	121.	4.9	74.5	3.55.	85.	3101.	.12	8.
16 38 54	LUM	LUM	LUM	58.	71.	6.6.	5.4	73.7	3.52.	86.	2950.	.12	17.
16 39 4	LUM	LUM	LUM	58.	63.	10.5.	5.4	75.1	3.5.	86.	3106.	.15	26.
16 39 9	LUM	LUM	LUM	59.	71.	110.	7.8	75.1	3.4.1.	86.	3101.	-.04	37.
16 39 14	LUM	LUM	LUM	59.	69.	112.7.	7.8	74.5	3.4.4.	87.	3152.	.22	3.
16 39 19	LUM	LUM	LUM	70.	69.	113.3.	3.7	74.5	3.4.7.	87.	313.1.	.32	24.
16 39 24	LUM	LUM	LUM	70.	70.	110.1.	4.9	75.4	2.3.3.	87.	28.5.	.04	50.
16 39 29	LUM	LUM	LUM	73.	70.	110.4.	7.8	74.4	2.3.5.	86.	2957.	.1.	58.
16 39 34	LUM	LUM	LUM	72.	75.	110.7.	1.5	73.5	2.3.3.	87.	2913.	.15	59.
16 39 39	LUM	LUM	LUM	71.	74.	110.5.	4.6	73.2	3.0.3.	86.	294.5.	.07	57.
16 39 44	LUM	LUM	LUM	72.	75.	112.	8.8	73.8	3.1.3.	85.	3108.	.21	53.
16 39 49	LUM	LUM	LUM	71.	75.	110.9.	4.2	73.3	3.5.	84.	3087.	.18	58.
16 39 54	LUM	LUM	LUM	71.	82.	111.5.	11.7	73.8	3.0.2.	85.	2901.	.12	59.
16 40 4	LUM	LUM	LUM	71.	81.	111.6.	3.8	74.3	3.4.3.	85.	293.6.	.20	57.
16 40 9	LUM	LUM	LUM	72.	84.	111.0.	3.5	73.4	3.0.2.	86.	3011.	.03	58.
16 40 14	LUM	LUM	LUM	74.	84.	105.2.	11.7	72.7	3.0.4.	87.	2931.	.19	59.
16 40 19	LUM	LUM	LUM	70.	84.	108.5.	7.1	72.9	3.1.3.	86.	2957.	.20	56.
16 40 24	LUM	LUM	LUM	74.	73.	112.0.	2.4	74.2	3.0.5.	86.	2933.	.19	55.
16 40 29	LUM	LUM	LUM	73.	82.	111.4.	7.6	73.7	3.2.2.	86.	2959.	.18	56.
16 40 34	LUM	LUM	LUM	73.	87.	110.7.	5.5	73.5	2.3.6.	85.	2967.	-.01	58.
16 40 39	LUM	LUM	LUM	73.	85.	111.0.	21.5	73.5	2.3.6.	86.	2962.	.01	59.
16 40 44	LUM	LUM	LUM	77.	74.	103.7.	14.4	73.5	2.3.1.	87.	3113.	-.33	60.
16 40 49	LUM	LUM	LUM	75.	74.	103.7.	17.1	74.1	2.3.2.	87.	3143.	-.33	59.
16 41 3	LUM	LUM	LUM	78.	74.	103.7.	14.4	73.0	2.3.2.	86.	2791.	.92	59.
16 41 8	LUM	LUM	LUM	78.	73.	103.9.	9.3	73.7	2.3.2.	86.	2783.	.86	60.
16 41 13	LUM	LUM	LUM	79.	74.	103.8.	12.2	73.5	2.3.2.	87.	3113.	.45	60.
16 41 18	LUM	LUM	LUM	79.	74.	103.8.	14.7	73.5	2.3.1.	87.	3113.	.45	60.
16 41 23	LUM	LUM	LUM	92.	74.	103.8.	14.7	73.5	2.3.1.	87.	3270.	.37	59.
16 41 28	LUM	LUM	LUM	91.	74.	103.1.	10.9	74.2	2.3.2.	87.	3079.	-.26	56.
16 41 33	LUM	LUM	LUM	86.	73.	103.7.	10.1	73.6	2.3.1.	86.	3109.	.21	59.
16 41 38	LUM	LUM	LUM	86.	75.	103.7.	10.1	73.6	2.3.0.	86.	3172.	-.46	60.
16 41 43	LUM	LUM	LUM	86.	74.	103.2.	12.2	73.6	2.3.0.	86.	3121.	-.07	60.
16 41 48	LUM	LUM	LUM	86.	74.	103.2.	3.9	74.6	3.6.0.	86.	3162.	.15	59.
16 41 53	LUM	LUM	LUM	86.	74.	103.1.	3.4	73.0	3.0.1.	87.	3155.	.15	59.
16 42 3	LUM	LUM	LUM	86.	74.	103.1.	3.4	73.0	2.3.4.	87.	3099.	-.01	54.
16 42 8	LUM	LUM	LUM	86.	74.	103.1.	3.4	73.0	2.3.4.	87.	3099.	-.01	54.
16 42 13	LUM	LUM	LUM	86.	74.	103.1.	3.4	73.0	2.3.4.	87.	3099.	-.01	54.
16 42 18	LUM	LUM	LUM	86.	74.	103.1.	3.4	73.0	2.3.4.	87.	3099.	-.01	54.
16 42 23	LUM	LUM	LUM	86.	74.	103.1.	3.4	73.0	2.3.4.	87.	3099.	-.01	54.
16 42 28	LUM	LUM	LUM	86.	74.	103.1.	3.4	73.0	2.3.4.	87.	3099.	-.01	54.
16 42 33	LUM	LUM	LUM	86.	74.	103.1.	3.4	73.0	2.3.4.	87.	3099.	-.01	54.
16 42 38	LUM	LUM	LUM	86.	74.	103.1.	3.4	73.0	2.3.4.	87.	3099.	-.01	54.
16 42 43	LUM	LUM	LUM	86.	74.	103.1.	3.4	73.0	2.3.4.	87.	3099.	-.01	54.
16 42 48	LUM	LUM	LUM	86.	74.	103.1.	3.4	73.0	2.3.4.	87.	3099.	-.01	54.
16 42 53	LUM	LUM	LUM	86.	74.	103.1.	3.4	73.0	2.3.4.	87.	3099.	-.01	54.
16 43 3	LUM	LUM	LUM	86.	74.	103.1.	3.4	73.0	2.3.4.	87.	3099.	-.01	54.
16 43 8	LUM	LUM	LUM	86.	74.	103.1.	3.4	73.0	2.3.4.	87.	3099.	-.01	54.
16 43 13	LUM	LUM	LUM	86.	74.	103.1.	3.4	73.0	2.3.4.	87.	3099.	-.01	54.
16 43 18	LUM	LUM	LUM	86.	74.	103.1.	3.4	73.0	2.3.4.	87.	3099.	-.01	54.
16 43 23	LUM	LUM	LUM	86.	74.	103.1.	3.4	73.0	2.3.4.	87.	3099.	-.01	54.
16 43 28	LUM	LUM	LUM	86.	74.	103.1.	3.4	73.0	2.3.4.	87.	3099.	-.01	54.
16 43 33	LUM	LUM	LUM	86.	74.	103.1.	3.4	73.0	2.3.4.	87.	3099.	-.01	54.
16 43 38	LUM	LUM	LUM	86.	74.	103.1.	3.4	73.0	2.3.4.	87.	3099.	-.01	54.
16 43 43	LUM	LUM	LUM	86.	74.	103.1.	3.4	73.0	2.3.4.	87.	3099.	-.01	54.
16 43 48	LUM	LUM	LUM	86.	74.	103.1.	3.4	73.0	2.3.4.	87.	3099.	-.01	54.
16 43 53	LUM	LUM	LUM	86.	74.	103.1.	3.4	73.0	2.3.4.	87.	3099.	-.01	54.
16 44 3	LUM	LUM	LUM	86.	74.	103.1.	3.4	73.0	2.3.4.	87.	3099.	-.01	54.
16 44 8	LUM	LUM	LUM	86.	74.	103.1.	3.4	73.0	2.3.4.	87.	3099.	-.01	54.
16 44 13	LUM	LUM	LUM	86.	74.	103.1.	3.4	73.0	2.3.4.	87.	3099.	-.01	54.
16 44 18	LUM	LUM	LUM	86.	74.	103.1.	3.4	73.0	2.3.4.	87.	3099.	-.01	54.
16 44 23	LUM	LUM	LUM	86.	74.	103.1.	3.4	73.0	2.3.4.	87.	3099.	-.01	54.
16 44 28	LUM	LUM	LUM	86.	74.	103.1.	3.4	73.0	2.3.4.	87.	3099.	-.01	54.
16 44 33	LUM	LUM	LUM	86.	74.	103.1.	3.4	73.0	2.3.4.	87.	3099.	-.01	54.
16 44 38	LUM	LUM	LUM	86.	74.	103.1.	3.4	73.0	2.3.4.	87.	3099.	-.01	54.
16 44 43	LUM	LUM	LUM	86.	74.	103.1.	3.4	73.0	2.3.4.	87.	3099.	-.01	54.
16 44 48	LUM	LUM	LUM	86.	74.	103.1.	3.4	73.0	2.3.4.	87.	3099.	-.01	54.
16 44 53	LUM	LUM	LUM	86.	74.	103.1.	3.4	73.0	2.3.4.	87.	3099.	-.01	54.
16 45 3	LUM	LUM	LUM	86.	74.	103.1.	3.4	73.0	2.3.4.	87.	3099.	-.01	54.
16 45 8	LUM	LUM	LUM	86.	74.	103.1.	3.4	73.0	2.3.4.	87.	3099.	-.01	54.
16 45 13	LUM	LUM	LUM	86.	74.	103.1.	3.4	73.0	2.3.4.	87.	3099.	-.01	54.
16 45 18	LUM	LUM	LUM	86.	74.	103.1.	3.4	73.0	2.3.4.	87.	3099.	-.01	54.
16 45 23	LUM	LUM	LUM	86.	74.	103.1.	3.4	73.0	2.3.4.	87.	3099.	-.01	54.
16 45 28	LUM	LUM	LUM	86.	74.	103.1.	3.4	73.0	2.3.4.	87.	3099.	-.01	54.
16 45 33	LUM	LUM	LUM	86.	74.	103.1.	3.4	73.0	2.3.4.	87.	3099.	-.01	54.
16 45 38	LUM	LUM	LUM	86.	74.	103.1.	3.4	73.0	2.3.4.	87.	3099.	-.01	54.
16 45 43	LUM	LUM	LUM	86.	74.	103.1.	3.4	73.0	2.3.4.	87.	3099.	-.01	54.
16 45 48	LUM	LUM	LUM	86.	74.	103.1.	3.4	73.0	2.3.4.	87.	3099.	-.01	54.
16 45 53	LUM	LUM	LUM	86.	74.	103.1.	3.4	73.0	2.3.4.	87.	3099.	-.01	54.
16 46 3	LUM	LUM	LUM	86.	74.	103.1.	3.4	73.0	2.3.4.	87.	3099.	-.01	54.
16 46 8	LUM	LUM	LUM	86.	74.	103.1.	3.4	73.0	2.3.4.	87.	3099.	-.01	54.
16 46 13	LUM	LUM	LUM	86.	74.	103.1.	3.4	73.0	2.3.4.	87.	3099.	-.01	54.
16 46 18	LUM	LUM	LUM	86.	74.	103.1.	3.4	73.0	2.3.4.	87.	3099.	-.01	54.
16 46 23	LUM	LUM	LUM	86.	74.	103.1.	3.4	73.0	2.3.4.	87.	3099.	-.01	54.
16 46 28	LUM	LUM	LUM	86.	74.	103.1.	3.4	73.0	2.3.4.	87.	3099.	-.01	54.
16 46 33	LUM	LUM	LUM	86.	74.	103.1.	3.4	73.0	2.3.4.	87.	3099.	-.01	54.
16 46 38	LUM	LUM	LUM	86.	74.	103.1.	3.4	73.0	2.3.4.	87.	3099.	-.01	54.
16 46 43	LUM	LUM	LUM	86.	74.	103.1.	3.4	73.0	2.3.4.	87.	3099.	-.01	54.
16 46 48	LUM	LUM	LUM	86.	74.	103.1.	3.4	73.0	2.3.4.	87.	3099.	-.01	54.
16 46 53	LUM	LUM	LUM	86.	74.	103.1.	3.4	73.0	2.3.4.	87.	3099.	-.01	54.
16 47 3	LUM	LUM	LUM	86.	74.	103.1.	3.4	73.0	2.3.4.	87.	3099.	-.01	54.
16 47 8	LUM	LUM	LUM	86.	74.	103.1.	3.4	73.0	2.3.4.	87.	3099.	-.01	54.
16 47 13	LUM	LUM	LUM	86.	74.	103.1.	3.4	73.0	2.3.4.	87.	3099.	-.01	54.
16 47 18	LUM	LUM	LUM	86.	74.	103.1.	3.4	73.0	2.3.4.	87.	3099.	-.01	54.
16 47 23	LUM	LUM	LUM	86.	74.	103.1.	3.4	73.0	2.3.4.	87.	3099.	-.01	54.
16 47 28	LUM	LUM	LUM	86.	74.	103.1.	3.4	73.0	2.3.4.	87.	3099.	-.01	54.
16 47 33	LUM	LUM	LUM	86.	74.	103.1.	3.4	73.0	2.3.4.	87.	3099.	-.01	54.
16 47 38	LUM	LUM	LUM	86.	74.	103.1.	3.4	73.0	2.3.4.	87.	3099.	-.01	54.
16 47 43	LUM	LUM	LUM	86.	74.	103.1.	3.4	73.0	2.3.4.	87.	3099.	-.01	54.
16 47 48	LUM	LUM</											

TIME H/M/S	PR 14 TEMP MASS GEAR CASE	PR 15 TEMP MASS MAIN FUEL CONTROL L/HENG	PR 23 TEMP SURFACE SPIKE TIP	PR 31 TEMP AIR INLET ANTI ICE FR FRA	EC 37 TEMP TANFLU VORTEX SEART	AF 10 PRESS A/B FUEL CONTROL INLET	AF 11 PRESS A/B FUEL CONTROL OUTLET	SP 2 PRESS HYD OIL INLET PUMP	SP 4 PRESS HYD OIL OUTLET PUMP	SF 0 PRESS HYD OIL INLET PRIMARY FLMP	SP 8 PRESS HYD OIL OUTLET PUMP	AF 14 PRESS AIR FWD FUEL TANK	AF 16 PRESS FUEL OIL COOLER OUTLET L/HENG
16 48 34	205.	123.	72.	82.	74.	1035.	3.8	73.5	2325.	37.	2357.	.50	55.
16 48 39	207.	120.	68.	80.	75.	1030.	3.9	74.3	2313.	87.	2345.	.42	56.
16 48 44	195.	107.	69.	80.	73.	1039.	3.8	74.6	2330.	87.	2347.	.01	61.
16 48 49	195.	103.	55.	82.	73.	1035.	7.1	75.4	2336.	87.	2335.	-.03	57.
16 48 54	198.	107.	78.	35.	73.	1035.	3.9	73.6	2331.	88.	2310.	.51	56.
16 48 59	202.	113.	73.	80.	74.	1038.	3.7	74.6	2345.	88.	2308.	.20	53.
16 49 4	201.	110.	69.	86.	74.	1035.	0.8	74.2	2363.	88.	2305.	.10	60.
16 49 9	203.	112.	69.	86.	74.	1031.	8.6	74.6	2345.	87.	2323.	.07	56.
16 49 14	200.	108.	90.	79.	74.	1083.	8.3	75.2	3128.	84.	2318.	.22	57.
16 49 19	201.	137.	68.	35.	74.	1031.	3.6	74.6	3152.	88.	2315.	.11	59.
16 49 29	194.	106.	69.	91.	73.	1079.	7.8	74.8	3123.	88.	2311.	-.07	56.
16 49 34	200.	111.	70.	86.	74.	1037.	11.2	74.2	3135.	88.	2300.	-.07	60.
16 49 39	207.	117.	70.	82.	74.	1035.	10.3	74.3	2304.	87.	2311.	.04	58.
16 49 44	202.	113.	69.	80.	74.	1035.	8.3	72.6	2396.	87.	2345.	.35	58.
16 49 49	204.	111.	70.	38.	74.	1030.	10.3	72.5	2374.	87.	2383.	.23	56.
16 49 59	207.	122.	73.	85.	75.	1103.	7.3	73.6	2303.	87.	2323.	.06	55.
16 50 4	204.	120.	71.	87.	74.	1108.	7.8	73.6	2336.	87.	2301.	.10	55.
16 50 9	210.	121.	70.	73.	75.	1037.	2.4	75.5	2362.	89.	2300.	.13	61.
16 50 14	210.	122.	72.	76.	75.	1132.	7.6	74.8	3145.	89.	2309.	.18	61.
16 50 19	205.	116.	71.	83.	75.	1132.	4.4	75.1	2869.	88.	2323.	-.28	52.
16 50 24	203.	110.	70.	83.	75.	1035.	4.6	74.9	2323.	88.	2318.	-.36	55.
16 50 29	203.	117.	68.	84.	74.	1095.	10.8	73.5	2389.	88.	2334.	0.01	60.
16 50 34	207.	117.	59.	50.	75.	1036.	9.5	74.2	2390.	88.	2379.	.12	60.
16 50 39	198.	107.	69.	31.	75.	1031.	10.8	72.7	3194.	87.	2309.	.22	56.
16 50 44	203.	110.	70.	83.	75.	1035.	10.5	73.3	3151.	88.	2318.	.08	58.
16 50 49	202.	118.	69.	91.	74.	1031.	7.3	75.1	2967.	88.	2307.	.15	57.
16 50 50	200.	109.	56.	80.	74.	1096.	12.2	75.4	3125.	87.	2381.	.32	60.
16 50 55	208.	122.	70.	80.	75.	1114.	5.5	74.5	2384.	88.	2384.	.04	59.
16 51 0	206.	115.	59.	30.	75.	1036.	9.3	76.0	2962.	88.	2342.	.10	61.
16 51 13	198.	111.	63.	87.	75.	1039.	7.3	75.1	2967.	88.	2342.	.18	59.
16 51 16	201.	114.	66.	82.	75.	1100.	5.8	75.8	2335.	88.	2350.	.06	57.
16 51 15	209.	130.	74.	75.	75.	1110.	12.7	75.4	2310.	89.	2328.	.04	57.
16 51 20	206.	121.	71.	50.	75.	1103.	13.9	75.4	2371.	89.	2318.	.19	60.
16 51 25	210.	122.	71.	73.	75.	1107.	9.8	73.5	2380.	87.	2367.	.19	60.
16 51 30	*001000.	*001000.	*001000.	82.	77.	1105.	11.7	74.1	2364.	88.	2369.	.13	59.
16 51 35	LOH	LOH	LOH	79.	76.	1105.	9.9	73.6	2337.	88.	2369.	.25	61.
16 51 40	LOH	LOH	LOH	83.	75.	1105.	7.8	73.2	2303.	88.	2369.	.30	60.
16 51 45	LOH	LOH	LOH	88.	77.	1105.	7.9	74.5	2043.	89.	2369.	.29	56.
16 51 50	LOH	LOH	LOH	73.	75.	1103.	4.9	74.4	2043.	89.	2367.	.20	57.
16 51 55	LOH	LOH	LOH	71.	74.	1107.	10.8	74.2	3109.	88.	2367.	.07	59.
16 52 0	LOH	LOH	LOH	79.	77.	1105.	9.3	74.9	3147.	87.	2357.	.09	53.
16 52 5	LOH	LOH	LOH	76.	76.	1103.	3.3	75.7	3179.	87.	2347.	.16	58.
16 52 10	LOH	LOH	LOH	76.	75.	1105.	3.0	75.7	3179.	88.	2355.	.10	58.
16 52 15	LOH	LOH	LOH	72.	76.	1103.	10.8	74.2	3196.	89.	2355.	.35	61.
16 52 20	LOH	LOH	LOH	78.	75.	1112.	9.8	74.6	2382.	89.	2330.	-.04	61.
16 52 25	LOH	LOH	LOH	74.	80.	1112.	12.2	76.7	2394.	89.	2330.	-.03	59.
16 52 35	LOH	LOH	LOH	76.	77.	1107.	11.7	75.6	3163.	89.	2345.	-.17	60.
16 52 40	LOH	LOH	LOH	78.	77.	1112.	3.3	76.1	3194.	87.	2396.	-.03	62.

TIME H/M/S	PA 14 TEMP MASS GEAR CASE	PR 29 TEMP SURFAC SPIKE TIP	PR 31 TEMP AIR INLET AIR ICE FR FRA	IC 67 TEMP WAFELD JENRTR	AF 11 PRESS A/B FUEL CONTRL INLET	AF 11 PRESS A/B FUEL CONTRL OUTLET	SP 2 PRESS HYD OIL INLET UTL PUMP	SP 4 PRESS HYD OIL OUTLET JTL PUAP	SP 6 PRESS HYD OIL INLET PRIMRY PUMP	SP 6 PRESS HYD OIL OUTLET PRIMRY PUMP	AF 14 PRESS AIR FWU FUEL TANK	AF 19 PRESS FUEL OIL COOLER OUTLET L/HENG
16 52 45	LUM	LUM	32.	74.	1139.	7.3	75.5	3162.	88.	3018.	-.03	81.
16 52 45	LUM	LUM	38.	75.	1137.	5.8	75.5	3125.	88.	2972.	-.26	56.
16 52 50	LUM	LUM	76.	77.	1139.	4.9	75.6	2935.	88.	3013.	-.13	61.
16 52 55	LUM	LUM	32.	73.	1039.	2.9	76.1	2974.	89.	3113.	-.48	57.
16 53 0	LUM	LUM	74.	75.	1105.	5.4	75.9	2864.	86.	3100.	-.36	58.
16 53 13	LUM	LUM	76.	74.	1110.	12.2	75.8	2977.	89.	3143.	-.47	61.
16 53 16	LUM	LUM	77.	74.	1110.	8.6	74.6	2998.	89.	3123.	-.18	61.
16 53 21	LUM	LUM	84.	75.	1111.	4.9	76.3	3165.	89.	3157.	-.28	58.
16 53 26	LUM	LUM	87.	73.	1116.	11.7	74.5	3108.	89.	3143.	-.09	58.
16 53 31	LUM	LUM	85.	73.	1139.	12.5	73.7	2913.	89.	3033.	-.32	62.
16 53 36	LUM	LUM	75.	76.	1116.	3.4	75.6	3040.	87.	3035.	-.39	82.
16 53 41	LUM	LUM	81.	75.	1114.	2.9	75.4	3029.	87.	3018.	-.26	81.
16 53 46	LUM	LUM	82.	73.	1116.	15.6	73.8	3094.	87.	3038.	-.16	58.
16 53 51	LUM	LUM	77.	73.	1111.	12.5	74.9	2934.	87.	3003.	-.12	60.
16 53 56	LUM	LUM	77.	75.	1137.	11.5	75.7	3130.	87.	3116.	-.16	58.
16 54 1	LUM	LUM	76.	75.	1137.	6.5	75.5	3145.	88.	2972.	-.08	58.
16 54 6	LUM	LUM	77.	77.	1112.	5.4	75.4	3011.	88.	2998.	-.09	54.
16 54 11	LUM	LUM	94.	79.	1115.	12.2	76.2	2918.	50.	2918.	-.01	61.
16 54 16	LUM	LUM	77.	75.	1139.	3.8	76.5	2935.	90.	2923.	-.16	61.
16 54 21	LUM	LUM	77.	73.	1139.	14.2	76.1	3128.	88.	2923.	-.20	59.
16 54 26	LUM	LUM	79.	76.	1137.	14.7	75.5	3108.	87.	2869.	-.16	59.
16 54 31	LUM	LUM	92.	77.	1393.	13.2	75.5	3162.	87.	2937.	-.07	58.
16 54 36	LUM	LUM	78.	79.	1037.	11.3	78.5	3065.	89.	2952.	-.18	59.
16 54 41	LUM	LUM	77.	95.	1113.	3.4	76.2	3063.	89.	2969.	-.10	58.
16 54 46	LUM	LUM	84.	98.	1110.	2.9	74.5	3003.	88.	3001.	-.44	80.
16 54 51	LUM	LUM	84.	98.	1110.	2.9	74.5	3003.	88.	3001.	-.27	58.
16 54 56	LUM	LUM	89.	105.	1137.	2.9	76.7	3140.	88.	2967.	-.01	61.
16 55 1	LUM	LUM	77.	108.	1139.	7.8	76.1	3125.	89.	2967.	-.04	58.
16 55 6	LUM	LUM	84.	114.	1111.	3.4	75.1	3021.	88.	3104.	-.06	53.
16 55 9	LUM	LUM	96.	115.	1137.	5.8	74.9	3045.	88.	3104.	-.06	53.
16 55 19	LUM	LUM	81.	113.	1116.	9.3	66.0	2727.	72.	2986.	-.04	55.
16 55 24	LUM	LUM	77.	124.	1113.	9.0	75.8	2969.	71.	2986.	-.04	55.
16 55 29	LUM	LUM	85.	123.	1139.	8.8	85.6	2903.	67.	2879.	-.05	55.
16 55 34	LUM	LUM	84.	123.	1137.	7.6	86.7	2957.	88.	2924.	-.18	57.
16 55 39	LUM	LUM	74.	132.	1116.	7.3	77.4	3021.	89.	3001.	-.03	57.
16 55 49	LUM	LUM	73.	134.	1114.	5.1	77.0	3011.	90.	2986.	-.05	57.
16 55 54	LUM	LUM	69.	139.	1115.	3.4	74.5	2883.	84.	2810.	-.09	50.
16 55 59	LUM	LUM	75.	135.	1111.	5.8	83.4	2969.	84.	2886.	-.21	56.
16 56 4	LUM	LUM	82.	129.	1110.	5.4	65.0	3093.	67.	2981.	-.10	52.
16 56 9	LUM	LUM	75.	131.	1110.	7.8	65.2	3172.	66.	2938.	-.13	55.
16 56 14	LUM	LUM	87.	134.	1116.	5.4	70.7	2967.	93.	3001.	-.10	56.
16 56 19	LUM	LUM	33.	131.	1116.	9.0	73.2	2952.	93.	2986.	-.04	54.
16 56 24	LUM	LUM	82.	127.	1112.	9.0	76.8	2942.	94.	2920.	-.04	48.
16 56 29	LUM	LUM	80.	129.	1112.	6.3	71.3	2945.	93.	2920.	-.07	52.
16 56 34	LUM	LUM	71.	108.	1115.	5.5	66.1	2937.	91.	2927.	-.04	56.
16 56 39	LUM	LUM	75.	102.	1115.	3.4	70.9	2963.	91.	2942.	-.07	54.
16 56 44	LUM	LUM	89.	95.	1115.	5.8	75.1	3040.	92.	2972.	-.01	59.
16 56 49	LUM	LUM	70.	94.	1114.	7.8	76.5	3011.	91.	2979.	-.07	59.

TIME H/M/S	PR 14 TEMP MASS GLAX LESE	PR 15 TEMP MASS MAIN FUEL CONTRL L/HENG	PR 29 TEMP SURFAC SPIKL TIP	PR 31 TEMP AIR INLET ANTI ISE FR FRA	SC 61 TEMP MAINFLO VORTEX SENKIF	AF 14 PRESS A/B FUEL CONTRL INLET	AF 11 PRESS A/B FUEL CONTRL OUTLET	SP 2 PRESS HYD OIL INLET UTL PUMP	SP 4 PRESS HYD OIL OUTLET PUMP	SP 5 PRESS HYD OIL INLET PRIMRY PUMP	SP 8 PRESS HYD OIL OUTLET PRIMRY PUMP	AF 14 PRESS AIR FWD FUEL TANK	AF 10 PRESS FUEL OIL COOLER OUTLET L/HENG
16 57 45	LH	LH	LOW	73.	90.	1116.	9.3	75.5	2967.	93.	2922.	.01	54.
16 57 50	LH	LH	LOW	77.	90.	1119.	9.0	75.7	2993.	92.	2945.	.00	54.
16 57 55	LH	LH	LOW	68.	90.	1116.	5.9	76.0	2967.	90.	2972.	.12	58.
16 58 0	LH	LH	LOW	76.	87.	1115.	9.8	76.0	2963.	91.	2937.	.11	57.
16 58 5	LH	LH	LOW	76.	87.	1118.	10.3	75.7	3030.	90.	3069.	.21	56.
16 58 10	LH	LH	LOW	75.	87.	1117.	8.8	75.1	3035.	91.	3038.	.10	57.
16 58 15	LH	LH	LOW	73.	88.	1115.	5.4	76.1	3030.	92.	3113.	.15	56.
16 58 20	LH	LH	LOW	73.	89.	1116.	5.6	75.6	3063.	91.	3050.	.12	57.
16 58 25	LH	LH	LOW	63.	95.	1120.	9.3	74.6	2947.	91.	2923.	.07	56.
16 58 30	LH	LH	LOW	60.	104.	1123.	10.0	75.6	2941.	91.	2989.	.08	56.
16 58 35	LH	LH	LOW	76.	113.	1110.	8.8	75.5	3021.	91.	3001.	.16	56.
16 58 40	LH	LH	LOW	74.	122.	1111.	4.2	75.6	2903.	91.	2981.	.05	48.
16 58 45	LH	LH	LOW	61.	119.	1109.	7.8	74.2	2906.	91.	2962.	.00	57.
16 58 50	LH	LH	LOW	61.	103.	1111.	5.4	74.5	3021.	91.	2937.	.06	55.
16 59 0	LH	LH	LOW	66.	95.	1120.	3.9	75.7	2967.	91.	2965.	.13	55.
16 59 5	LH	LH	LOW	74.	91.	1117.	5.6	75.4	2903.	91.	3018.	.09	55.
16 59 10	LH	LH	LOW	79.	87.	1116.	8.8	74.3	3053.	90.	2972.	.04	46.
16 59 15	LH	LH	LOW	79.	85.	1114.	5.3	74.7	3025.	90.	2986.	.11	51.
16 59 20	LH	LH	LOW	79.	84.	1109.	6.8	75.5	3065.	91.	2937.	.16	54.
16 59 25	LH	LH	LOW	84.	86.	1113.	7.8	75.7	3001.	91.	2940.	.10	55.
16 59 30	LH	LH	LOW	84.	85.	1116.	5.8	73.6	2908.	90.	2908.	.06	55.
16 59 35	LH	LH	LOW	77.	85.	1117.	8.6	74.6	2903.	89.	2901.	.06	55.
16 59 40	LH	LH	LOW	59.	85.	1120.	6.8	75.1	3021.	91.	2942.	.03	51.
16 59 45	LH	LH	LOW	76.	84.	1110.	10.8	73.9	2972.	91.	2942.	.22	46.
16 59 50	LH	LH	LOW	76.	83.	1116.	9.0	73.8	3003.	90.	2928.	.18	52.
16 59 55	LH	LH	LOW	73.	84.	1122.	7.8	65.4	2931.	90.	3011.	.04	52.
17 0 0	LH	LH	LOW	70.	85.	1115.	10.0	66.7	2973.	90.	3028.	.04	55.
17 43 23	LH	LH	LOW	64.	71.	1120.	7.8	73.2	3036.	87.	2947.	.63	59.
17 43 28	LH	LH	LOW	81.	70.	1115.	5.8	72.3	3023.	86.	2903.	.61	56.
17 43 33	LH	LH	LOW	82.	71.	1112.	4.4	73.5	2901.	87.	2947.	.60	55.
17 43 39	LH	LH	LOW	78.	72.	1109.	5.4	74.7	3013.	87.	2994.	.63	54.
17 45 44	LH	LH	LOW	77.	72.	1112.	11.2	75.1	3025.	88.	3065.	.56	55.
17 45 49	LH	LH	LOW	77.	70.	1109.	7.6	75.4	3013.	88.	3052.	.57	55.
17 45 54	LH	LH	LOW	57.	73.	1107.	8.8	75.8	3053.	87.	3025.	.81	54.
17 45 59	LH	LH	LOW	68.	73.	1109.	10.5	74.9	3057.	87.	3051.	.73	56.
17 46 4	LH	LH	LOW	76.	71.	1124.	4.9	71.7	2981.	86.	2933.	.60	60.
17 46 14	LH	LH	LOW	59.	72.	1112.	5.8	73.4	2994.	86.	2952.	.54	60.
17 46 19	LH	LH	LOW	73.	71.	1118.	4.3	72.0	3030.	87.	2849.	.57	60.
17 46 32	LH	LH	LOW	73.	72.	1115.	7.3	72.4	3003.	87.	2889.	.54	60.
17 46 29	LH	LH	LOW	71.	73.	1116.	3.4	75.5	2991.	88.	3021.	.53	55.
17 46 34	LH	LH	LOW	73.	74.	1117.	5.8	75.4	3021.	87.	3046.	.54	56.
17 46 39	LH	LH	LOW	79.	71.	1110.	4.9	74.3	2967.	87.	2981.	.65	57.
17 47 37	LH	LH	LOW	73.	73.	1105.	5.1	73.7	2973.	87.	2967.	.59	57.
17 47 42	LH	LH	LOW	62.	73.	1103.	8.8	72.1	3060.	87.	2936.	.82	58.
17 47 47	LH	LH	LOW	72.	73.	1107.	3.3	73.2	3047.	86.	2974.	.62	56.
17 47 52	LH	LH	LOW	74.	71.	1114.	9.3	71.8	2923.	86.	2898.	.45	61.
17 47 57	LH	LH	LOW	76.	71.	1102.	5.1	73.5	2980.	86.	2934.	.53	56.
17 47 57	LH	LH	LOW	59.	74.	1114.	5.4	72.0	3074.	87.	2923.	.40	57.

TIME M/M/S	08	14	19	29	31	57	1-	11	2	+	5	8	14	18
17 58 33	LOH	LOH	LOH	LOH	73.	73.	110.	9.1	73.4	2584.	86.	2577.	.34	57.
17 58 38	LOH	LOH	LOH	LOH	75.	73.	1105.	7.3	59.8	2398.	83.	2889.	.63	57.
17 58 43	LOH	LOH	LOH	LOH	71.	74.	115.	8.6	78.7	2372.	84.	2969.	.73	56.
17 58 48	LOH	LOH	LOH	LOH	76.	71.	111.	9.9	76.7	3225.	83.	2962.	.73	59.
17 58 53	LOH	LOH	LOH	LOH	79.	71.	1118.	9.1	65.7	3203.	85.	3011.	.94	59.
17 58 58	LOH	LOH	LOH	LOH	72.	72.	1110.	10.8	75.2	2937.	87.	2937.	1.32	55.
17 59 3	LOH	LOH	LOH	LOH	74.	72.	1112.	6.8	60.1	3016.	86.	2979.	1.25	59.
17 59 8	LOH	LOH	LOH	LOH	71.	74.	1123.	5.8	80.1	2367.	86.	3069.	1.43	56.
17 59 13	LOH	LOH	LOH	LOH	72.	72.	1120.	5.9	81.7	2385.	86.	3225.	1.22	56.
17 59 18	LOH	LOH	LOH	LOH	75.	71.	1342.	7.8	73.3	2367.	87.	2386.	1.19	55.
17 59 23	LOH	LOH	LOH	LOH	81.	73.	1251.	7.1	64.9	2393.	86.	2913.	1.13	59.
17 59 28	LOH	LOH	LOH	LOH	70.	72.	1114.	5.8	73.6	2937.	85.	2913.	1.14	55.
17 59 33	LOH	LOH	LOH	LOH	59.	72.	1119.	6.4	74.1	3072.	86.	2940.	.95	56.
17 59 38	LOH	LOH	LOH	LOH	60.	69.	1109.	7.8	73.9	3030.	87.	3079.	.74	26.
18 5 39	LOH	LOH	LOH	LOH	77.	79.	555.	7.6	81.0	1344.	88.	1359.	.65	1.
18 5 44	LOH	LOH	LOH	LOH	74.	79.	0.	5.9	38.0	20.	51.	-34.	.63	1.
18 5 49	LOH	LOH	LOH	LOH	78.	75.	1.	5.6	99.3	27.	101.	7.	.61	3.
18 5 54	LOH	LOH	LOH	LOH	74.	81.	2.	5.4	104.3	44.	115.	15.	.61	2.
18 5 59	LOH	LOH	LOH	LOH	75.	85.	3.	5.1	104.3	93.	111.	24.	.60	0.
18 7 4	LOH	LOH	LOH	LOH	75.	85.	0.	5.9	104.8	33.	105.	44.	.60	0.
18 7 9	LOH	LOH	LOH	LOH	76.	85.	6.	5.8	103.4	42.	104.	20.	.56	2.
18 7 14	LOH	LOH	LOH	LOH	77.	84.	8.	5.8	101.5	0.	104.	15.	.69	-2.
18 7 19	LOH	LOH	LOH	LOH	77.	83.	5.	5.9	101.0	22.	103.	15.	.75	2.
18 7 24	LOH	LOH	LOH	LOH	77.	81.	0.	5.8	100.3	34.	101.	15.	.60	1.
18 7 29	LOH	LOH	LOH	LOH	78.	83.	1.	5.8	100.3	30.	101.	10.	.66	5.
18 7 34	LOH	LOH	LOH	LOH	78.	83.	-2.	5.8	100.3	33.	100.	5.	.67	2.
18 7 39	LOH	LOH	LOH	LOH	78.	83.	-1.	5.1	103.2	33.	96.	0.	.57	3.
18 7 44	LOH	LOH	LOH	LOH	76.	84.	2.	7.8	99.4	24.	55.	2.	.65	2.
18 7 49	LOH	LOH	LOH	LOH	78.	81.	1.	5.8	97.5	12.	95.	-20.	.61	2.
18 8 4	LOH	LOH	LOH	LOH	78.	81.	0.	5.8	96.6	34.	95.	-12.	.59	0.
18 8 9	LOH	LOH	LOH	LOH	78.	82.	1.	5.8	92.6	108.	95.	5.	.59	0.
18 8 14	LOH	LOH	LOH	LOH	79.	81.	2.	5.9	92.0	71.	95.	-2.	.57	-1.
18 8 19	LOH	LOH	LOH	LOH	78.	84.	1.	5.9	93.0	23.	95.	-15.	.60	-3.
18 8 24	LOH	LOH	LOH	LOH	78.	83.	3.	5.9	93.0	13.	93.	-5.	.16	-0.
18 8 29	LOH	LOH	LOH	LOH	78.	83.	-4.	5.4	92.4	14.	93.	-2.	.08	2.
18 9 3	LOH	LOH	LOH	LOH	71.	75.	-6.	5.1	92.1	7.	92.	0.	.23	1.
18 9 8	LOH	LOH	LOH	LOH	70.	75.	-33.	5.9	92.1	-24.	90.	-49.	.16	0.
18 9 13	LOH	LOH	LOH	LOH	73.	76.	-8.	5.9	93.5	-91.	90.	-1.	.13	0.
18 9 18	LOH	LOH	LOH	LOH	76.	78.	-18.	5.9	91.9	-103.	91.	-15.	.12	-1.
18 9 23	LOH	LOH	LOH	LOH	77.	82.	-17.	5.9	92.3	-83.	91.	-39.	.15	1.
18 9 28	LOH	LOH	LOH	LOH	77.	82.	-9.	5.9	92.3	-50.	92.	-40.	.07	1.
18 9 33	LOH	LOH	LOH	LOH	77.	79.	-5.	5.9	92.3	-50.	92.	-3.	.13	0.
18 9 38	LOH	LOH	LOH	LOH	77.	74.	-6.	5.4	89.0	-7.	92.	-2.	.11	1.
18 9 43	LOH	LOH	LOH	LOH	75.	74.	-8.	5.4	90.9	-5.	92.	-15.	.15	4.
18 9 48	LOH	LOH	LOH	LOH	72.	75.	-3.	5.9	93.1	-12.	92.	-15.	.13	4.
18 9 53	LOH	LOH	LOH	LOH	71.	75.	-4.	5.9	92.4	-12.	91.	-2.	.16	3.
18 9 58	LOH	LOH	LOH	LOH	71.	75.	-2.	5.6	92.2	2.	91.	-7.	.18	2.

TIME M/H/S	PA 14 TEMP MASS GEAR CASE	PR 15 TEMP MASS MAIN FUEL CONTRL L/HENG	PR 23 TEMP SURFAC SPIKE TIP	PR 31 TEMP AIR INLET ANTI ICE FR FRA	EC 57 TEMP MANFLD VOXTEA SENTR	AF 16 PRESS A/B FUEL CONTRL INLET	AF 11 PRESS A/B FUEL CONTRL OUTLET	SP 2 PRESS HYD OIL INLET UTL PUMP	SP 4 PRESS HYD OIL OUTLET UTL PUMP	SP 5 PRESS HYD OIL INLET PRIMRY PUMP	SP 8 PRESS HYD OIL OUTLET PRIMRY PUMP	AF 14 PRESS AIR FWD FUEL TANK	AF 10 PRESS FUEL OIL COOLER OUTLET L/HENG
10 22 5	182.	137.	71.	98.	72.	16.	7.3	94.6	-15.	92.	20.	.12	0.
10 22 10	178.	137.	70.	98.	71.	3.	3.5	93.6	-7.	92.	2.	.14	2.
10 22 15	178.	136.	69.	99.	73.	-20.	3.9	93.6	0.	92.	-5.	.10	4.
10 22 20	178.	135.	70.	99.	73.	-10.	-2	93.3	5.	92.	-12.	.13	3.
10 22 25	178.	134.	71.	98.	71.	2.	5.4	91.9	24.	92.	-5.	.23	0.
10 22 30	176.	136.	72.	98.	71.	4.	6.6	92.4	20.	92.	5.	.23	0.
10 22 35	174.	137.	72.	98.	71.	0.	6.8	93.6	-5.	91.	20.	.10	2.
10 22 40	174.	138.	72.	99.	72.	0.	7.1	94.6	-2.	92.	06.	.18	1.
10 22 45	176.	138.	73.	99.	76.	2.	7.8	94.3	-20.	92.	15.	.18	3.
10 22 50	176.	139.	73.	98.	75.	1.	5.8	93.3	-7.	92.	7.	.17	2.
10 22 55	178.	138.	73.	99.	75.	-6.	3.9	92.7	20.	91.	0.	.21	1.
10 23 0	178.	138.	73.	99.	74.	-4.	4.4	92.4	10.	91.	10.	.18	1.

COMPUTATOR

TIME M/H/S	AF 21 PRESS A/B	AF 23 PRESS OIL TANK BTRK L/HENG	PR 21 PRESS OIL INLET CSO L/HENG	PR 21 PRESS OIL OUTLET C/D L/HENG	AF 14 PRESS FUEL CONTROL OUTLET L/HENG	AF 13 PRESS FUEL BOUST PUMP OUTLET L/HENG	AF 24 PRESS P+J VALVE PRIME OUTLET L/HENG	AF 25 PRESS P+D VALVE SEC OUTLET L/HENG	AF 30 PRESS OUTLET L/HENG	AF 35 PRESS SKIN MASS STA 372	CU 106 TEMP AMB MMH FWD L/H	CU 107 TEMP AMB MMH FWD R/H	CU 108 TEMP AMB MMH FWD L/H
16 19 3	1.	-0.	2.	2.	1.	1.3	4.	1.	2.	LOW	70.	73.	71.
16 19 8	1.	-0.	3.	3.	1.	1.5	3.	1.	2.	LOW	75.	74.	70.
16 19 13	0.	-0.	4.	4.	0.	2.1	0.	-0.	2.	LOW	74.	76.	72.
16 19 18	0.	-0.	4.	4.	1.	1.8	1.	-2.	2.	LOW	75.	75.	72.
16 19 23	0.	-0.	4.	4.	-1.	1.5	5.	3.	2.	LOW	76.	76.	73.
16 19 28	0.	-0.	3.	3.	0.	1.2	4.	1.	2.	LOW	75.	75.	72.
16 19 33	0.	-0.	3.	3.	1.	1.1	1.	1.	1.	LOW	76.	74.	71.
16 19 38	0.	-0.	3.	3.	4.	1.4	4.	3.	2.	LOW	76.	74.	72.
16 19 43	0.	-0.	4.	4.	5.	1.4	2.	2.	1.	LOW	74.	76.	71.
16 19 48	0.	-0.	4.	4.	0.	1.2	2.	2.	1.	LOW	74.	76.	71.
16 19 53	0.	-0.	4.	4.	-0.	1.4	1.	1.	1.	LOW	75.	75.	72.
16 19 58	0.	-0.	3.	3.	1.	1.4	2.	1.	1.	LOW	76.	74.	71.
16 20 3	1.	-0.	3.	3.	1.	1.3	1.	2.	1.	LOW	76.	74.	71.
16 20 8	1.	-0.	2.	2.	1.	1.1	0.	4.	1.	LOW	76.	74.	71.
16 20 13	1.	-0.	3.	3.	2.	1.2	0.	3.	1.	LOW	76.	74.	71.
16 20 18	1.	-0.	3.	3.	1.	1.2	0.	3.	1.	LOW	76.	74.	71.
16 20 23	1.	-0.	3.	3.	2.	1.2	0.	3.	1.	LOW	76.	74.	71.
16 20 28	1.	-0.	3.	3.	1.	1.2	0.	3.	1.	LOW	76.	74.	71.
16 20 33	1.	-0.	3.	3.	2.	1.2	0.	3.	1.	LOW	76.	74.	71.
16 20 38	1.	-0.	3.	3.	1.	1.2	0.	3.	1.	LOW	76.	74.	71.
16 20 43	1.	-0.	3.	3.	2.	1.2	0.	3.	1.	LOW	76.	74.	71.
16 20 48	1.	-0.	3.	3.	1.	1.2	0.	3.	1.	LOW	76.	74.	71.
16 20 53	1.	-0.	3.	3.	2.	1.2	0.	3.	1.	LOW	76.	74.	71.
16 20 58	1.	-0.	3.	3.	1.	1.2	0.	3.	1.	LOW	76.	74.	71.
16 21 3	1.	-0.	3.	3.	2.	1.2	0.	3.	1.	LOW	76.	74.	71.
16 21 8	1.	-0.	3.	3.	1.	1.2	0.	3.	1.	LOW	76.	74.	71.
16 21 13	1.	-0.	3.	3.	2.	1.2	0.	3.	1.	LOW	76.	74.	71.
16 21 18	1.	-0.	3.	3.	1.	1.2	0.	3.	1.	LOW	76.	74.	71.
16 21 23	1.	-0.	3.	3.	2.	1.2	0.	3.	1.	LOW	76.	74.	71.
16 21 28	1.	-0.	3.	3.	1.	1.2	0.	3.	1.	LOW	76.	74.	71.
16 21 33	1.	-0.	3.	3.	2.	1.2	0.	3.	1.	LOW	76.	74.	71.
16 21 38	1.	-0.	3.	3.	1.	1.2	0.	3.	1.	LOW	76.	74.	71.
16 21 43	1.	-0.	3.	3.	2.	1.2	0.	3.	1.	LOW	76.	74.	71.
16 21 48	1.	-0.	3.	3.	1.	1.2	0.	3.	1.	LOW	76.	74.	71.
16 21 53	1.	-0.	3.	3.	2.	1.2	0.	3.	1.	LOW	76.	74.	71.
16 21 58	1.	-0.	3.	3.	1.	1.2	0.	3.	1.	LOW	76.	74.	71.
16 22 3	1.	-0.	3.	3.	2.	1.2	0.	3.	1.	LOW	76.	74.	71.
16 22 8	1.	-0.	3.	3.	1.	1.2	0.	3.	1.	LOW	76.	74.	71.
16 22 13	1.	-0.	3.	3.	2.	1.2	0.	3.	1.	LOW	76.	74.	71.
16 22 18	1.	-0.	3.	3.	1.	1.2	0.	3.	1.	LOW	76.	74.	71.
16 22 23	1.	-0.	3.	3.	2.	1.2	0.	3.	1.	LOW	76.	74.	71.
16 22 28	1.	-0.	3.	3.	1.	1.2	0.	3.	1.	LOW	76.	74.	71.
16 22 33	1.	-0.	3.	3.	2.	1.2	0.	3.	1.	LOW	76.	74.	71.
16 22 38	1.	-0.	3.	3.	1.	1.2	0.	3.	1.	LOW	76.	74.	71.
16 22 43	1.	-0.	3.	3.	2.	1.2	0.	3.	1.	LOW	76.	74.	71.
16 22 48	1.	-0.	3.	3.	1.	1.2	0.	3.	1.	LOW	76.	74.	71.
16 22 53	1.	-0.	3.	3.	2.	1.2	0.	3.	1.	LOW	76.	74.	71.
16 22 58	1.	-0.	3.	3.	1.	1.2	0.	3.	1.	LOW	76.	74.	71.
16 23 3	1.	-0.	3.	3.	2.	1.2	0.	3.	1.	LOW	76.	74.	71.
16 23 8	1.	-0.	3.	3.	1.	1.2	0.	3.	1.	LOW	76.	74.	71.
16 23 13	1.	-0.	3.	3.	2.	1.2	0.	3.	1.	LOW	76.	74.	71.
16 23 18	1.	-0.	3.	3.	1.	1.2	0.	3.	1.	LOW	76.	74.	71.
16 23 23	1.	-0.	3.	3.	2.	1.2	0.	3.	1.	LOW	76.	74.	71.
16 23 28	1.	-0.	3.	3.	1.	1.2	0.	3.	1.	LOW	76.	74.	71.
16 23 33	1.	-0.	3.	3.	2.	1.2	0.	3.	1.	LOW	76.	74.	71.
16 23 38	1.	-0.	3.	3.	1.	1.2	0.	3.	1.	LOW	76.	74.	71.
16 23 43	1.	-0.	3.	3.	2.	1.2	0.	3.	1.	LOW	76.	74.	71.
16 23 48	1.	-0.	3.	3.	1.	1.2	0.	3.	1.	LOW	76.	74.	71.
16 23 53	1.	-0.	3.	3.	2.	1.2	0.	3.	1.	LOW	76.	74.	71.
16 23 58	1.	-0.	3.	3.	1.	1.2	0.	3.	1.	LOW	76.	74.	71.

TIME H/M/S	AF 21 PRESS A/B OIL COOLER OUTLET L/HENG	AF 23 PRESS OIL TANK OUTLET L/HENG	PR 21 PRESS OIL INLET CSJ L/HENG	PR 23 PRESS OIL OUTLET CSJ L/HENG	AF 12 PRESS FUEL CONTROL OUTLET L/HENG	AF 13 PRESS FUEL BOOST PUMP OUTLET L/HENG	-F 24 PRESS P+O VALVE PRIMEV OUTLET L/HENG	AF 25 PRESS P+O VALVE SEC OUTLET L/HENG	AF 31 PRESS OUTLET LIJE PUJP MAIN L/HENG	AF 32 TEMP SKIN MASS STA 372	EC 106 ILAP AMB MMH FNU L/M	EC 107 TEMP AMB MMH FNU R/M	EC 108 TEMP AMB MMH AFT L/M
16 38 34	1.	-0.	5.	1.	1.	25.4	3.	3.	1	LOW	79.	76.	72.
16 38 39	1.	-0.	5.	-0.	7.	26.2	0.	0.	2.	LOW	82.	78.	63.
16 38 44	1.	-0.	5.	0.	4.	27.1	1.	1.	2.	LOW	83.	76.	67.
16 38 49	11.	0.	3.	2.	7.	27.9	-12.	-12.	20.	LOW	82.	76.	73.
16 38 54	17.	0.	4.	4.	7.	32.9	-2.	-2.	28.	LOW	82.	77.	72.
16 39 4	24.	0.	3.	4.	117.	25.3	4.	4.	38.	LOW	60.	76.	69.
16 39 9	33.	-0.	4.	6.	133.	25.0	8.	3.	50.	LOW	81.	76.	61.
16 39 14	33.	-0.	16.	63.	183.	25.5	96.	14.	68.	LOW	73.	78.	71.
16 39 19	47.	-0.	17.	39.	182.	24.3	145.	18.	70.	LOW	75.	75.	71.
16 39 24	46.	-0.	12.	55.	190.	24.6	147.	18.	77.	LOW	82.	77.	69.
16 39 29	52.	-0.	9.	45.	203.	25.1	166.	26.	77.	LOW	81.	77.	69.
16 39 34	52.	0.	12.	44.	217.	24.6	176.	30.	78.	LOW	82.	78.	73.
16 39 39	51.	0.	11.	44.	210.	24.2	179.	41.	77.	LOW	82.	77.	69.
16 39 44	51.	0.	14.	50.	210.	24.2	176.	37.	77.	LOW	81.	77.	66.
16 39 49	52.	0.	10.	50.	208.	25.3	181.	29.	75.	LOW	82.	80.	72.
16 39 54	51.	0.	12.	52.	213.	25.4	182.	27.	75.	LOW	82.	77.	72.
16 40 4	51.	-0.	16.	51.	210.	24.5	182.	32.	75.	LOW	82.	80.	71.
16 40 9	51.	0.	15.	51.	210.	24.5	182.	31.	75.	LOW	80.	79.	70.
16 40 14	51.	0.	16.	52.	213.	24.6	177.	37.	75.	LOW	82.	80.	66.
16 40 19	51.	0.	13.	48.	213.	25.0	178.	30.	74.	LOW	81.	79.	68.
16 40 24	51.	0.	11.	48.	213.	25.2	177.	32.	75.	LOW	84.	80.	71.
16 40 29	51.	0.	14.	47.	214.	24.3	177.	34.	75.	LOW	82.	79.	74.
16 40 34	51.	-0.	14.	47.	214.	24.3	177.	30.	74.	LOW	80.	76.	71.
16 40 39	51.	1.	16.	47.	204.	23.0	476.	30.	71.	LOW	77.	83.	40.
16 40 44	51.	1.	21.	47.	504.	23.0	472.	325.	71.	LOW	77.	83.	40.
16 40 49	51.	1.	20.	69.	508.	23.0	472.	324.	74.	LOW	77.	82.	75.
16 40 54	51.	1.	19.	61.	538.	24.8	495.	332.	76.	LOW	76.	81.	75.
16 41 4	51.	1.	19.	61.	513.	23.4	451.	331.	77.	LOW	75.	80.	74.
16 41 9	51.	1.	20.	65.	507.	23.5	468.	319.	78.	LOW	76.	81.	69.
16 41 14	51.	1.	26.	65.	505.	22.0	473.	319.	77.	LOW	77.	82.	74.
16 41 19	51.	1.	26.	62.	498.	23.1	466.	328.	77.	LOW	77.	80.	76.
16 41 24	51.	1.	19.	62.	498.	24.2	466.	325.	76.	LOW	78.	88.	71.
16 41 29	51.	1.	18.	55.	465.	22.0	467.	325.	76.	LOW	76.	88.	68.
16 41 34	51.	1.	21.	55.	447.	23.1	411.	260.	78.	LOW	76.	82.	68.
16 41 39	51.	1.	21.	55.	447.	23.1	394.	239.	78.	LOW	73.	80.	72.
16 41 44	49.	0.	20.	54.	389.	23.4	348.	176.	84.	LOW	71.	81.	72.
16 41 49	49.	0.	20.	54.	359.	24.6	323.	155.	84.	LOW	75.	82.	73.
16 41 54	49.	0.	22.	59.	337.	24.7	271.	120.	80.	LOW	75.	82.	60.
16 42 4	49.	0.	22.	57.	317.	24.7	266.	118.	87.	LOW	75.	81.	71.
16 42 9	49.	0.	21.	57.	284.	22.4	272.	113.	95.	LOW	77.	83.	79.
16 42 14	49.	0.	21.	55.	289.	23.3	253.	107.	98.	LOW	78.	88.	75.
16 42 19	46.	0.	20.	57.	282.	23.3	253.	90.	100.	LOW	78.	82.	73.
16 42 24	46.	0.	20.	57.	277.	23.7	253.	93.	100.	LOW	74.	82.	74.
16 42 29	47.	0.	20.	57.	277.	23.7	253.	93.	100.	LOW	74.	82.	74.
16 42 34	47.	0.	22.	59.	265.	23.7	255.	96.	116.	LOW	73.	80.	67.
16 42 39	47.	0.	21.	52.	265.	24.1	255.	96.	116.	LOW	73.	80.	67.
16 42 44	46.	0.	21.	53.	279.	23.6	260.	104.	114.	LOW	74.	82.	73.
16 42 49	46.	0.	21.	53.	272.	23.5	264.	108.	114.	LOW	73.	82.	73.
16 42 54	44.	0.	21.	59.	290.	24.1	249.	100.	113.	LOW	72.	81.	69.
16 43 4	44.	0.	21.	59.	295.	24.1	249.	97.	113.	LOW	72.	81.	69.
16 43 9	44.	0.	21.	59.	295.	24.1	249.	97.	113.	LOW	72.	81.	69.
16 43 14	44.	0.	21.	59.	295.	24.1	249.	97.	113.	LOW	72.	81.	69.
16 43 19	44.	0.	21.	59.	295.	24.1	249.	97.	113.	LOW	72.	81.	69.
16 43 24	44.	0.	21.	59.	295.	24.1	249.	97.	113.	LOW	72.	81.	69.
16 43 29	44.	0.	21.	59.	295.	24.1	249.	97.	113.	LOW	72.	81.	69.

TIME H/M/S	AF 21 PRESS A/H OIL COOLER OUTLET L/HENG	AF 23 PRESS OIL TANK BTHR L/HENG	PR 21 PRESS OIL INLET CSD L/HENG	PR 23 PRESS OIL OUTLET CSD L/HENG	AF 12 PRESS FUEL CONTROL JUILET L/HENG	AF 15 PRESS FUEL BOOST PUMP OUTLET L/HENG	AF 24 PRESS P+D VALVE PRIMARY OUTLET L/HENG	AF 25 PRESS P+D VALVE SEC OUTLET L/HENG	AF 33 PRESS JUILET LIDE PUMP MAIN L/HENG	AF 35 TEMP SKIN MASS STA 372	EC 100 TEMP AMB MMW FMJ L/H	EC 107 TEMP AMB MMW FMJ L/H	EC 110 TEMP AMB MMW FMJ L/H
16 52 45	48.	0.	23.	50.	203.	24.7	24.1	95.	115.	LOM	80.	83.	73.
16 52 45	47.	0.	24.	50.	290.	23.0	24.3	102.	115.	LOM	75.	82.	69.
16 52 50	47.	0.	22.	50.	280.	24.1	250.	99.	116.	LOM	78.	83.	70.
16 52 55	47.	0.	22.	60.	265.	22.0	24.3	101.	115.	LOM	76.	84.	76.
16 53 0	47.	0.	23.	60.	273.	23.0	253.	103.	117.	LOM	75.	83.	74.
16 53 13	46.	0.	22.	65.	282.	24.1	252.	108.	114.	LOM	76.	80.	67.
16 53 10	46.	0.	23.	65.	284.	24.3	253.	103.	115.	LOM	78.	83.	69.
16 53 16	48.	0.	24.	65.	285.	24.5	24.3	108.	113.	LOM	82.	85.	73.
16 53 21	48.	0.	23.	65.	282.	24.4	24.0	102.	119.	LOM	79.	85.	72.
16 53 26	46.	0.	22.	65.	290.	23.0	250.	100.	113.	LOM	79.	86.	74.
16 53 31	48.	0.	22.	65.	280.	23.5	24.6	99.	114.	LOM	78.	85.	75.
16 53 36	47.	0.	25.	51.	296.	24.2	239.	101.	117.	LOM	74.	84.	69.
16 53 41	47.	0.	23.	51.	293.	24.3	242.	101.	119.	LOM	78.	86.	72.
16 53 46	48.	0.	23.	74.	284.	25.5	252.	88.	116.	LOM	82.	83.	69.
16 53 51	46.	0.	23.	73.	280.	24.7	248.	100.	114.	LOM	77.	86.	76.
16 53 56	46.	0.	21.	65.	291.	24.5	250.	99.	114.	LOM	78.	86.	73.
16 54 1	47.	0.	22.	63.	293.	24.3	251.	93.	120.	LOM	74.	84.	76.
16 54 6	47.	0.	23.	69.	290.	24.5	255.	101.	119.	LOM	76.	84.	73.
16 54 11	47.	0.	23.	69.	294.	24.2	253.	98.	116.	LOM	83.	86.	73.
16 54 16	47.	0.	22.	66.	285.	24.5	246.	104.	117.	LOM	80.	85.	71.
16 54 21	47.	0.	23.	66.	284.	24.5	254.	94.	113.	LOM	79.	85.	69.
16 54 26	44.	0.	22.	64.	290.	23.1	255.	96.	118.	LOM	82.	85.	71.
16 54 31	48.	0.	23.	71.	308.	23.5	254.	76.	115.	LOM	77.	85.	73.
16 54 36	48.	0.	22.	59.	271.	23.1	226.	54.	115.	LOM	79.	88.	69.
16 54 41	47.	0.	22.	60.	229.	24.0	187.	44.	114.	LOM	74.	87.	70.
16 54 46	46.	0.	22.	60.	220.	24.0	195.	27.	113.	LOM	78.	87.	73.
16 54 51	46.	0.	23.	61.	187.	24.1	175.	33.	109.	LOM	77.	84.	73.
16 54 56	45.	0.	24.	65.	192.	24.3	174.	28.	103.	LOM	79.	86.	76.
16 55 1	44.	0.	24.	70.	202.	24.4	175.	28.	103.	LOM	78.	84.	78.
16 55 6	44.	0.	24.	71.	210.	24.7	177.	32.	110.	LOM	74.	87.	76.
16 55 9	44.	0.	23.	57.	221.	24.1	177.	28.	113.	LOM	78.	87.	78.
16 55 19	44.	0.	24.	56.	213.	24.5	174.	29.	110.	LOM	78.	86.	76.
16 55 24	45.	0.	24.	55.	208.	24.4	180.	30.	111.	LOM	82.	86.	76.
16 55 29	45.	0.	24.	65.	210.	24.3	176.	32.	113.	LOM	80.	85.	73.
16 55 34	45.	0.	25.	65.	218.	25.1	183.	28.	109.	LOM	80.	85.	73.
16 55 39	45.	0.	25.	65.	213.	24.5	169.	37.	112.	LOM	81.	85.	75.
16 55 49	44.	0.	23.	66.	205.	24.6	191.	33.	110.	LOM	79.	85.	75.
16 55 54	44.	0.	24.	65.	199.	24.4	177.	33.	110.	LOM	80.	85.	75.
16 55 59	44.	0.	25.	71.	212.	24.6	177.	26.	109.	LOM	79.	86.	73.
16 56 9	45.	0.	25.	70.	209.	24.7	174.	37.	110.	LOM	80.	85.	75.
16 56 14	44.	0.	25.	61.	202.	24.9	174.	36.	113.	LOM	77.	88.	80.
16 56 19	45.	0.	25.	62.	204.	24.1	172.	29.	110.	LOM	76.	87.	79.
16 56 24	44.	0.	25.	66.	207.	24.5	172.	33.	110.	LOM	78.	87.	79.
16 56 29	45.	0.	25.	67.	203.	24.7	172.	34.	110.	LOM	78.	87.	79.
16 56 34	45.	0.	25.	67.	206.	24.9	176.	36.	113.	LOM	79.	86.	72.
16 56 39	46.	0.	25.	66.	207.	24.5	172.	30.	110.	LOM	79.	85.	75.
16 56 44	46.	0.	23.	66.	207.	24.7	173.	26.	111.	LOM	78.	84.	74.
16 56 49	45.	0.	26.	66.	207.	24.6	172.						
16 56 54	45.	0.	26.	66.	207.	24.6	172.						
16 56 59	45.	0.	26.	66.	207.	24.6	172.						
16 57 4	45.	0.	26.	66.	207.	24.6	172.						
16 57 9	45.	0.	26.	66.	207.	24.6	172.						
16 57 14	45.	0.	26.	66.	207.	24.6	172.						
16 57 19	45.	0.	26.	66.	207.	24.6	172.						
16 57 24	45.	0.	26.	66.	207.	24.6	172.						
16 57 29	45.	0.	26.	66.	207.	24.6	172.						
16 57 34	45.	0.	26.	66.	207.	24.6	172.						
16 57 39	45.	0.	26.	66.	207.	24.6	172.						
16 57 44	45.	0.	26.	66.	207.	24.6	172.						
16 57 49	45.	0.	26.	66.	207.	24.6	172.						
16 57 54	45.	0.	26.	66.	207.	24.6	172.						
16 57 59	45.	0.	26.	66.	207.	24.6	172.						
16 58 4	45.	0.	26.	66.	207.	24.6	172.						
16 58 9	45.	0.	26.	66.	207.	24.6	172.						
16 58 14	45.	0.	26.	66.	207.	24.6	172.						
16 58 19	45.	0.	26.	66.	207.	24.6	172.						
16 58 24	45.	0.	26.	66.	207.	24.6	172.						
16 58 29	45.	0.	26.	66.	207.	24.6	172.						
16 58 34	45.	0.	26.	66.	207.	24.6	172.						
16 58 39	45.	0.	26.	66.	207.	24.6	172.						
16 58 44	45.	0.	26.	66.	207.	24.6	172.						
16 58 49	45.	0.	26.	66.	207.	24.6	172.						
16 58 54	45.	0.	26.	66.	207.	24.6	172.						
16 58 59	45.	0.	26.	66.	207.	24.6	172.						
16 59 4	45.	0.	26.	66.	207.	24.6	172.						
16 59 9	45.	0.	26.	66.	207.	24.6	172.						
16 59 14	45.	0.	26.	66.	207.	24.6	172.						
16 59 19	45.	0.	26.	66.	207.	24.6	172.						
16 59 24	45.	0.	26.	66.	207.	24.6	172.						
16 59 29	45.	0.	26.	66.	207.	24.6	172.						
16 59 34	45.	0.	26.	66.	207.	24.6	172.						
16 59 39	45.	0.	26.	66.	207.	24.6	172.						
16 59 44	45.	0.	26.	66.	207.	24.6	172.						
16 59 49	45.	0.	26.	66.	207.	24.6	172.						
16 59 54	45.	0.	26.	66.	207.	24.6	172.						
16 59 59	45.	0.	26.	66.	207.	24.6	172.						
17 00 4	45.	0.	26.	66.	207.	24.6	172.						
17 00 9	45.	0.	26.	66.	207.	24.6	172.						
17 00 14	45.	0.	26.	66.	207.	24.6	172.						
17 00 19	45.	0.	26.	66.	207.	24.6	172.						
17 00 24	45.	0.	26.	66.	207.	24.6	172.						
17 00 29	45.	0.	26.	66.	207.	24.6	172.						
17 00 34	45.	0.	26.	66.	207.	24.6	172.						
17 00 39	45.	0.	26.	66.	207.	24.6	172.						
17 00 44	45.	0.	26.	66.	207.	24.6	172.						
17 00 49	45.	0.	26.	66.	207.	24.6	172.						
17 00 54	45.	0.	26.	66.	207.	24.6	172.						
17 00 59	45.	0.	26.	66.	207.	24.6	172.						
17 01 4	45.	0.	26.	66.	207.	24.6	172.						
17 01 9	45.	0.	26.	66.	207.	24.6	172.						
17 01 14	45.	0.	26.	66.	207.	24.6	172.						
17 01 19	45.	0.	26.	66.	207.	24.6	172.						
17 01 24	45.	0.	26.	66.	207.	24.6	172.						
17 01 29	45.	0.	26.	66.	207.	24.6	172.						
17 01 34	45.	0.	26.	66.	207.	24.6	172.						
17 01 39	45.	0.	26.	66.	207.	24.6	172.						
17 01 44	45.	0.	26.	66.	207.	24.6	172.						
17 01 49	45.	0.	26.	66.	207.	24.6	172.						
17 01 54	45.	0.	26.	66.	207.	24.6	172.						
17 01 59	45.	0.	26.	66.	207.	24.6	172.						
17 02 4	45.	0.	26.	66.	207.	24.6	172.						
17 02 9	45.	0.	26.	66.	207.	24.6	172.						
17 02 14	45.	0.	26.	66.	207.	24.6	172.						
17 02 19	45.	0.	26.	66.	207.	24.6	172.						
17 02 24	45.	0.	26.	66.	207.	24.6	172.						
17 02 29	45.	0.	26.	66.	207.	24.6	172.						
17 02 34	45.	0.	26.	66.	207.	24.6	172.						
17 02 39	45.	0.	26.	66.	207.	24							

TIME	AF 11	AF 23	PR 21	P4 25	AF 12	AF 13	AF 24	AF 25	AF 30	AF 35	EC 106	EC 107	EC 108
	PRESS	PRESS	PRESS	PRESS	PRESS	PRESS	PRESS	PRESS	PRESS	TEMP	TEMP	TEMP	TEMP
	A/B	OIL	OIL	OIL	FUEL	FUEL	FUEL	P&D	OUTLET	SKIN	AMB	AMB	AMB
	OIL	TANK	INLET	OUTLET	CONTROL	BOOST	VALVE	VALVE	LIQE	MASS	MMW	MMW	MMW
	COOLER	BRTHR	CSD	CSD	OUTLET	OUTLET	OUTLET	SEC	PUMP	STA	PMW	PMW	AFT
	OUTLET	L/HENG	L/HENG	L/HENG	-L/HENG	OUTLET	OUTLET	OUTLET	MAIN	372	L/H	L/H	L/H
0.9													
17 50 33	45.	0.	28.	65.	205.	25.1	175.	27.	110.	LOM	79.	77.	75.
17 50 38	45.	0.	27.	52.	202.	26.0	176.	37.	111.	LOM	69.	78.	76.
17 50 43	45.	0.	26.	59.	200.	25.4	176.	34.	112.	LOM	74.	79.	77.
17 50 48	45.	0.	26.	64.	213.	25.9	165.	27.	112.	LOM	71.	78.	76.
17 50 53	45.	0.	26.	62.	211.	25.6	172.	33.	113.	LOM	74.	79.	76.
17 50 58	45.	-0.	24.	63.	211.	25.6	186.	31.	112.	LOM	78.	82.	69.
17 51 03	45.	-0.	26.	61.	203.	25.0	176.	34.	112.	LOM	80.	80.	76.
17 51 08	45.	-0.	25.	61.	212.	25.8	172.	30.	109.	LOM	80.	80.	75.
17 51 13	45.	0.	26.	64.	203.	25.7	173.	32.	112.	LOM	80.	77.	74.
17 51 18	44.	0.	26.	62.	205.	25.9	161.	32.	110.	LOM	76.	79.	77.
17 51 23	44.	0.	27.	62.	210.	25.9	168.	35.	111.	LOM	70.	80.	77.
17 51 28	45.	0.	28.	63.	211.	27.0	178.	34.	112.	LOM	80.	81.	71.
17 51 33	45.	0.	27.	61.	210.	25.1	171.	32.	111.	LOM	81.	80.	72.
17 51 38	44.	0.	25.	61.	208.	27.1	171.	32.	111.	LOM	79.	77.	63.
17 51 43	22.	-0.	21.	30.	119.	25.9	66.	18.	96.	LOM	77.	77.	69.
17 51 48	1.	-0.	16.	15.	12.	25.9	-1.	0.	1.	LOM	79.	78.	75.
17 51 53	1.	-0.	16.	12.	12.	25.9	2.	0.	1.	LOM	76.	78.	76.
17 51 58	0.	-0.	13.	13.	11.	25.6	4.	2.	1.	LOM	78.	78.	75.
17 52 03	0.	-0.	16.	13.	11.	25.6	2.	5.	1.	LOM	74.	78.	75.
17 52 08	0.	-0.	14.	11.	10.	27.1	2.	0.	1.	LOM	74.	78.	76.
17 52 13	0.	-0.	15.	13.	10.	27.0	0.	0.	1.	LOM	77.	77.	77.
17 52 18	0.	0.	14.	11.	7.	26.8	0.	0.	1.	LOM	76.	77.	77.
17 52 23	0.	0.	15.	12.	11.	26.6	-1.	0.	1.	LOM	76.	77.	77.
17 52 28	0.	0.	14.	10.	11.	26.5	-1.	5.	1.	LOM	78.	78.	78.
17 52 33	0.	0.	15.	12.	11.	26.5	-2.	4.	1.	LOM	78.	78.	78.
17 52 38	0.	0.	15.	12.	11.	26.5	1.	3.	1.	LOM	78.	78.	78.
17 52 43	0.	0.	13.	13.	2.	26.3	1.	1.	1.	LOM	78.	78.	78.
17 52 48	0.	0.	15.	12.	13.	26.5	-1.	2.	1.	LOM	77.	78.	78.
17 52 53	-0.	0.	15.	12.	13.	26.3	1.	4.	1.	LOM	78.	78.	78.
17 52 58	0.	-0.	16.	13.	13.	26.6	-1.	3.	1.	LOM	81.	78.	78.
17 53 03	0.	-0.	16.	13.	13.	26.6	1.	0.	1.	LOM	80.	78.	78.
17 53 08	0.	-0.	15.	12.	13.	26.6	1.	4.	1.	LOM	80.	78.	78.
17 53 13	0.	-0.	15.	12.	13.	26.6	1.	0.	1.	LOM	80.	78.	78.
17 53 18	0.	-0.	14.	13.	15.	26.7	0.	0.	1.	LOM	80.	78.	78.
17 53 23	0.	0.	9.	11.	12.	27.0	0.	0.	1.	LOM	78.	78.	78.
17 53 28	0.	0.	12.	12.	14.	27.0	-1.	0.	2.	LOM	78.	78.	78.
17 53 33	0.	-0.	14.	10.	17.	27.0	5.	3.	5.	76.	84.	84.	84.
17 53 38	-1.	-0.	13.	10.	11.	26.9	4.	-1.	3.	75.	83.	83.	83.
17 53 43	-1.	-0.	13.	10.	11.	26.9	5.	3.	3.	75.	83.	83.	83.
17 53 48	0.	-0.	13.	11.	18.	26.7	5.	-1.	2.	74.	82.	82.	82.
17 53 53	0.	-0.	11.	11.	12.	26.1	-1.	-3.	0.	79.	86.	86.	86.
17 53 58	-1.	-0.	11.	11.	12.	26.1	-1.	-5.	-2.	82.	86.	86.	86.
17 54 03	-1.	-0.	9.	8.	4.	25.5	-5.	-3.	-2.	83.	87.	87.	87.
17 54 08	-1.	-0.	10.	9.	5.	25.2	-6.	-3.	-2.	75.	90.	90.	85.
17 54 13	-1.	-0.	10.	9.	3.	25.4	-1.	-1.	-2.	78.	84.	84.	84.
17 54 18	-0.	-0.	12.	5.	8.	25.1	-1.	0.	0.	78.	87.	87.	86.
17 54 23	0.	-0.	12.	5.	5.	25.5	3.	4.	0.	77.	87.	87.	86.
17 54 28	0.	-0.	12.	2.	5.	25.5	3.	4.	0.	77.	87.	87.	86.
17 54 33	0.	-0.	12.	2.	11.	25.7	0.	1.	0.	75.	84.	84.	84.
17 54 38	0.	-0.	12.	9.	11.	25.7	0.	1.	0.	75.	84.	84.	84.
17 54 43	0.	-0.	12.	9.	11.	25.7	0.	1.	0.	75.	84.	84.	84.
17 54 48	0.	-0.	12.	9.	11.	25.7	0.	1.	0.	75.	84.	84.	84.
17 54 53	0.	-0.	12.	10.	13.	25.6	-1.	0.	1.	69.	82.	82.	82.
17 54 58	0.	-0.	12.	9.	13.	25.6	-1.	0.	2.	72.	82.	82.	82.
17 55 03	0.	-0.	12.	9.	14.	25.7	-1.	0.	2.	72.	82.	82.	82.

TIME H/M/S	AF 21 PRESS A/B	AF 21 OIL COOLER OUTLET L/HENG	AF 23 PRESS OIL TANK BTRHR L/HENG	PR 21 PRESS OIL INLET CSD L/HENG	PR 23 PRESS OIL OUTLET CSD L/HENG	AF 12 PRESS FUEL CONTROL OUTLET L/HENG	AF 13 PRESS FUEL BOOST PUMP OUTLET L/HENG	AF 24 PRESS P+O VALVE PRIMARY OUTLET L/HENG	AF 25 PRESS P+O VALVE SEC OUTLET L/HENG	AF 30 PRESS OUTLET LIBE PUMP MAIN L/HENG	AF 35 TEMP SKIN MASS STA 372	EC 106 TEMP AMB MMW FWD L/H	EC 107 TEMP AMB MMW FWD R/H	EC 108 TEMP AMB MMW AFT L/H
00														
10 22 5	0.		-0.	12.	5.	11.	25.8	1.	2.	0.	74.	81.	76.	74.
10 22 10	1.		0.	12.	9.	11.	26.2	1.	2.	0.	75.	81.	75.	75.
10 22 15	0.		0.	12.	9.	12.	27.0	0.	1.	1.	76.	83.	80.	76.
10 22 20	0.		0.	13.	9.	11.	25.8	3.	3.	3.	74.	84.	82.	77.
10 22 25	-1.		-0.	14.	9.	10.	25.3	0.	3.	3.	74.	82.	80.	76.
10 22 30	0.		-0.	12.	8.	10.	25.5	3.	3.	1.	75.	81.	80.	76.
10 22 35	0.		0.	12.	9.	-4.	25.2	3.	-1.	1.	75.	80.	81.	76.
10 22 40	0.		0.	13.	9.	0.	25.6	3.	2.	1.	75.	81.	80.	76.
10 22 45	0.		0.	12.	11.	9.	25.7	-1.	0.	2.	75.	81.	81.	79.
10 22 50	0.		-0.	13.	10.	11.	26.6	0.	1.	2.	75.	81.	81.	76.
10 22 55	0.		-0.	11.	9.	15.	25.5	3.	3.	1.	75.	83.	83.	76.
10 23 0	1.		-0.	12.	9.	11.	25.5	4.	1.	3.	75.	84.	81.	76.

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TIME H/M/S	EC 109 TEMP ARB MMH AFT R/H	PR 20 TEMP OIL CSJ INLET L/H ENGINE	OR 22 TEMP OIL SD OUTLET L/H ENGINE	EC 110 TEMP MEAPNS RAY STA 4.30	EC 111 TEMP MEAPNS RAY STA +0.0	EC 112 TEMP MEAPNS RAY STA 3.41	EC 113 TEMP MEAPNS RAY STA 2.76	SP 11 TEMP HYO OIL UTL RESEVR	SP 12 TEMP HYO OIL PRIM INLET RUDDER	EC 102 TEMP RADOME AREA TOP STA 24	EC 103 TEMP RADOME AREA TOP STA 72	EC 104 TEMP RADOME AREA TOP STA 120	EC 105 TEMP RADOME AREA TOP STA 124
16 38 34	70.	LOW	67.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
16 38 39	65.	LOW	67.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
16 38 44	71.	LOW	66.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
16 38 49	71.	LOW	65.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
16 38 54	71.	LOW	66.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
16 38 59	72.	LOW	66.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
16 39 4	71.	LOW	66.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
16 39 9	73.	LOW	68.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
16 39 14	72.	LOW	78.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
16 39 19	72.	LOW	75.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
16 39 24	72.	LOW	76.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
16 39 29	69.	LOW	88.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
16 39 34	69.	LOW	81.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
16 39 39	63.	LOW	82.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
16 39 44	68.	LOW	83.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
16 39 49	73.	LOW	86.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
16 39 54	73.	LOW	86.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
16 40 4	76.	LOW	88.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
16 40 9	71.	LOW	88.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
16 40 14	65.	LOW	92.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
16 40 19	70.	LOW	89.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
16 40 24	71.	LOW	94.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
16 40 29	71.	LOW	94.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
16 40 34	73.	LOW	95.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
16 40 39	72.	LOW	95.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
16 40 44	65.	158.	157.	98.	71.	67.	65.	131.	95.	LOW	53.	83.	90.
16 40 49	69.	155.	157.	91.	69.	72.	66.	187.	93.	LOW	50.	86.	54.
16 40 54	78.	155.	164.	89.	66.	56.	66.	187.	93.	LOW	56.	89.	53.
16 40 59	76.	158.	163.	87.	69.	59.	66.	187.	93.	LOW	60.	72.	58.
16 41 4	69.	155.	158.	87.	69.	72.	66.	187.	93.	LOW	60.	72.	58.
16 41 9	71.	155.	165.	86.	78.	59.	65.	187.	93.	LOW	66.	72.	58.
16 41 14	71.	163.	175.	96.	71.	59.	65.	187.	93.	LOW	66.	72.	58.
16 41 19	72.	164.	171.	86.	70.	55.	65.	187.	93.	LOW	66.	72.	58.
16 41 24	71.	160.	162.	84.	68.	73.	66.	187.	93.	LOW	71.	78.	64.
16 41 29	76.	161.	169.	85.	69.	58.	66.	187.	93.	LOW	71.	78.	64.
16 41 34	71.	167.	172.	82.	69.	57.	66.	187.	93.	LOW	71.	78.	64.
16 41 39	71.	163.	170.	82.	69.	58.	66.	187.	93.	LOW	71.	78.	64.
16 41 44	65.	162.	163.	79.	63.	50.	66.	187.	93.	LOW	71.	78.	64.
16 41 49	70.	165.	166.	88.	69.	71.	66.	187.	93.	LOW	71.	78.	64.
16 41 54	69.	167.	178.	88.	69.	72.	65.	187.	93.	LOW	71.	78.	64.
16 42 4	69.	164.	174.	79.	69.	53.	66.	187.	93.	LOW	71.	78.	64.
16 42 9	71.	174.	171.	79.	71.	54.	65.	187.	93.	LOW	71.	78.	64.
16 42 14	71.	169.	174.	79.	70.	66.	66.	187.	93.	LOW	71.	78.	64.
16 42 19	71.	163.	171.	78.	69.	66.	66.	187.	93.	LOW	71.	78.	64.
16 42 24	71.	164.	171.	78.	69.	66.	66.	187.	93.	LOW	71.	78.	64.
16 42 29	71.	169.	179.	78.	69.	66.	66.	187.	93.	LOW	71.	78.	64.
16 42 34	71.	169.	179.	78.	69.	66.	66.	187.	93.	LOW	71.	78.	64.
16 42 39	71.	167.	176.	78.	69.	66.	66.	187.	93.	LOW	71.	78.	64.
16 42 44	71.	167.	176.	78.	69.	66.	66.	187.	93.	LOW	71.	78.	64.
16 42 49	71.	167.	176.	78.	69.	66.	66.	187.	93.	LOW	71.	78.	64.
16 42 54	71.	167.	176.	78.	69.	66.	66.	187.	93.	LOW	71.	78.	64.
16 42 59	71.	167.	176.	78.	69.	66.	66.	187.	93.	LOW	71.	78.	64.
16 43 4	71.	167.	176.	78.	69.	66.	66.	187.	93.	LOW	71.	78.	64.
16 43 9	71.	167.	176.	78.	69.	66.	66.	187.	93.	LOW	71.	78.	64.
16 43 14	71.	167.	176.	78.	69.	66.	66.	187.	93.	LOW	71.	78.	64.
16 43 19	71.	167.	176.	78.	69.	66.	66.	187.	93.	LOW	71.	78.	64.
16 43 24	71.	167.	176.	78.	69.	66.	66.	187.	93.	LOW	71.	78.	64.
16 43 29	71.	167.	176.	78.	69.	66.	66.	187.	93.	LOW	71.	78.	64.

TIME MM/SS	EC 105 TEMP	PR 20 JIL CSU INLET L/H ENGINE	PR 22 JIL CSU OUTLET L/H ENGINE	EC 110 TEMP MEAPNS BAY STA 400	EC 111 TEMP MEAPNS BAY STA 400	EC 112 TEMP MEAPNS BAY STA 341	EC 113 TEMP MEAPNS BAY STA 276	SP 11 TEMP HYD OIL UTIL RESEVR	SP 12 TEMP HYD OIL UTIL INLET RUDDER	EC 102 TEMP RADOME AREA TOP STA 2-	EC 103 TEMP RADOME AREA TOP STA 72	EC 104 TEMP RADOME AREA TOP STA123	EC 105 TEMP RADOME AREA TOP STA124
16 48 34	70.	172.	170.	80.	67.	76.	80.	136.	95.	75.	65.	58.	61.
16 48 39	70.	171.	172.	80.	68.	75.	55.	107.	96.	79.	66.	70.	62.
16 48 44	71.	173.	180.	80.	69.	56.	53.	107.	96.	91.	75.	71.	61.
16 48 49	70.	174.	182.	78.	69.	56.	51.	107.	97.	55.	74.	70.	61.
16 48 54	70.	176.	180.	79.	68.	54.	57.	112.	97.	90.	66.	71.	56.
16 48 59	67.	176.	177.	79.	69.	58.	57.	107.	98.	86.	65.	69.	55.
16 49 4	71.	165.	180.	80.	68.	74.	68.	116.	92.	75.	70.	69.	55.
16 49 9	71.	167.	179.	80.	65.	74.	67.	114.	93.	76.	71.	69.	64.
16 49 14	71.	170.	181.	80.	69.	59.	66.	103.	93.	84.	67.	64.	55.
16 49 19	70.	171.	183.	79.	69.	71.	65.	107.	95.	51.	71.	68.	59.
16 49 24	70.	176.	185.	80.	69.	57.	65.	95.	97.	177.	71.	66.	59.
16 49 29	71.	172.	182.	78.	69.	71.	55.	105.	93.	136.	78.	67.	62.
16 49 34	71.	171.	180.	79.	63.	76.	53.	113.	95.	188.	69.	67.	55.
16 49 39	70.	171.	184.	79.	65.	71.	65.	112.	92.	98.	71.	70.	62.
16 49 44	71.	182.	185.	80.	71.	57.	57.	100.	102.	57.	68.	67.	56.
16 49 49	69.	180.	186.	79.	69.	57.	57.	102.	100.	94.	69.	69.	61.
16 49 54	70.	180.	182.	80.	53.	78.	67.	110.	97.	143.	67.	71.	20.
16 50 4	70.	178.	183.	78.	72.	76.	67.	112.	96.	115.	64.	73.	60.
16 50 9	71.	180.	180.	80.	71.	57.	57.	106.	97.	56.	65.	64.	55.
16 50 14	70.	175.	185.	79.	63.	59.	57.	108.	97.	87.	65.	64.	54.
16 50 19	70.	177.	187.	79.	69.	58.	66.	107.	96.	94.	68.	69.	57.
16 50 24	71.	188.	190.	82.	69.	53.	67.	104.	98.	52.	71.	64.	57.
16 50 29	71.	173.	185.	82.	64.	59.	59.	105.	98.	52.	67.	65.	57.
16 50 34	69.	180.	193.	84.	69.	65.	65.	108.	97.	116.	73.	70.	63.
16 50 39	64.	181.	187.	83.	65.	71.	66.	109.	97.	115.	70.	68.	62.
16 50 44	70.	185.	189.	83.	70.	58.	67.	105.	98.	96.	70.	64.	53.
16 50 49	71.	182.	191.	82.	69.	58.	58.	105.	96.	76.	70.	69.	57.
16 50 54	71.	178.	185.	79.	67.	80.	67.	114.	95.	93.	71.	73.	59.
16 51 0	71.	181.	187.	79.	69.	59.	67.	111.	96.	57.	68.	69.	60.
16 51 13	68.	183.	196.	78.	68.	58.	65.	107.	95.	183.	74.	77.	65.
16 51 18	69.	179.	192.	77.	67.	58.	65.	113.	95.	92.	72.	74.	66.
16 51 23	73.	185.	185.	78.	70.	73.	66.	108.	98.	54.	61.	60.	48.
16 51 28	71.	181.	191.	77.	63.	78.	66.	112.	98.	89.	68.	66.	58.
16 51 33	73.	183.	186.	79.	69.	73.	57.	107.	95.	92.	59.	63.	52.
16 51 38	70.	180.	192.	80.	69.	73.	57.	107.	95.	92.	59.	63.	52.
16 51 43	66.	180.	186.	80.	69.	73.	57.	107.	95.	92.	59.	63.	52.
16 51 48	65.	180.	186.	80.	69.	73.	57.	107.	95.	92.	59.	63.	52.
16 51 53	73.	187.	187.	80.	69.	73.	57.	107.	95.	92.	59.	63.	52.
16 51 58	74.	189.	189.	80.	69.	73.	57.	107.	95.	92.	59.	63.	52.
16 52 0	72.	180.	170.	80.	69.	73.	57.	107.	95.	92.	59.	63.	52.
16 52 5	70.	180.	180.	80.	69.	73.	57.	107.	95.	92.	59.	63.	52.
16 52 10	71.	180.	192.	80.	69.	73.	57.	107.	95.	92.	59.	63.	52.
16 52 15	72.	180.	191.	80.	69.	73.	57.	107.	95.	92.	59.	63.	52.
16 52 20	70.	183.	193.	80.	69.	73.	57.	107.	95.	92.	59.	63.	52.
16 52 25	71.	189.	189.	80.	69.	73.	57.	107.	95.	92.	59.	63.	52.
16 52 30	71.	180.	193.	80.	69.	73.	57.	107.	95.	92.	59.	63.	52.
16 52 35	71.	180.	193.	80.	69.	73.	57.	107.	95.	92.	59.	63.	52.
16 52 40	66.	180.	188.	80.	69.	73.	57.	107.	95.	92.	59.	63.	52.

TIME H/M/S	EC 105 TEMP APS MM AFT K/H	PR 20 TEMP OIL CSD IMLET L/H ENGINE	PR 22 TEMP OIL CSD OUTLET L/H ENGINE	EC 110 TEMP WEAPNS DAY STA 430	EC 111 TEMP WEAPNS DAY STA 400	EC 112 TEMP WEAPNS DAY STA 341	EC 113 TEMP WEAPNS DAY STA 276	SP 11 TEMP HYD OIL UTL RESERV	SP 12 TEMP HYD OIL PRIM INLET RUJDER	EC 102 TEMP RADOME AREA TOP STA 24	EC 103 TEMP RADOME AREA TOP STA 72	EC 104 TEMP RADOME AREA TOP STA 124	EC 105 TEMP RADOME AREA TOP STA 124
16 52 45	67.	LOM	194.	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM
16 52 45	71.	LOM	191.	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM
16 52 50	71.	LOM	191.	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM
16 52 55	65.	LOM	200.	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM
16 53 0	71.	LOM	195.	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM
16 53 13	72.	LOM	192.	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM
16 53 13	71.	LOM	194.	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM
16 53 16	65.	LOM	194.	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM
16 53 21	65.	LOM	194.	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM
16 53 21	65.	LOM	200.	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM
16 53 26	65.	LOM	202.	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM
16 53 31	72.	LOM	194.	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM
16 53 36	72.	LOM	197.	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM
16 53 41	70.	LOM	199.	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM
16 53 46	69.	LOM	198.	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM
16 53 51	71.	LOM	198.	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM
16 53 56	70.	LOM	203.	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM
16 54 1	69.	LOM	200.	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM
16 54 1	74.	LOM	198.	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM
16 54 6	73.	LOM	198.	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM
16 54 11	69.	LOM	206.	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM
16 54 16	70.	LOM	199.	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM
16 54 21	67.	LOM	199.	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM
16 54 26	65.	LOM	203.	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM
16 54 31	62.	LOM	200.	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM
16 54 36	70.	LOM	200.	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM
16 54 41	66.	LOM	198.	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM
16 54 46	71.	LOM	198.	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM
16 54 51	71.	LOM	199.	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM
16 54 56	66.	LOM	201.	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM
16 55 1	73.	LOM	205.	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM
16 55 6	72.	LOM	207.	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM
16 56 9	73.	LOM	211.	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM
16 56 19	73.	LOM	207.	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM
16 56 29	72.	LOM	214.	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM
16 56 34	72.	LOM	215.	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM
16 56 39	71.	LOM	210.	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM
16 56 49	71.	LOM	218.	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM
16 56 54	72.	LOM	209.	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM
16 56 59	71.	LOM	213.	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM
16 57 4	72.	LOM	216.	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM
16 57 9	71.	LOM	211.	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM
16 57 14	65.	LOM	216.	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM
16 57 19	70.	LOM	218.	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM
16 57 24	72.	LOM	209.	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM
16 57 30	72.	LOM	215.	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM
16 57 35	73.	LOM	214.	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM
16 57 40	73.	LOM	213.	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM

T 1:4c
M/4/5[illegible]

TIME M/H/S	10	EC 105 TEMP APB MMH AFT R/H	PK 20 TEMP OIL CSD INLET ENGINE	PR 22 TEMP OIL CSD OUTLET L/H ENGINE	EC 110 TEMP WEAPNS DAY STA 400	EC 111 TEMP WEAPNS DAY STA 400	EC 114 TEMP WEAPNS DAY STA 301	EC 113 TEMP WEAPNS DAY STA 270	SP 11 TEMP HYD OIL OIL RESEVR	SP 12 TEMP HYD OIL PRIM INLET RUDDER	EC 102 TEMP RADOME AREA TOP STA 24	EC 103 TEMP RADOME AREA TOP STA 72	EC 104 TEMP RADOME AREA TOP STA 120	EC 105 TEMP RADOME AREA TOP STA 124
17 58 33	71.	LOW	277.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
17 58 36	73.	LOW	279.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
17 58 43	71.	LOW	275.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
17 58 48	74.	LOW	280.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
17 58 53	75.	LOW	260.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
17 58 56	69.	LOW	271.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
17 59 3	70.	LOW	273.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
17 59 6	69.	LOW	274.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
17 59 8	71.	LOW	275.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
17 59 13	73.	LOW	280.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
17 59 18	72.	LOW	277.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
17 59 23	70.	LOW	273.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
17 59 28	70.	LOW	273.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
17 59 33	70.	LOW	278.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
17 59 38	73.	LOW	256.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
18 0 39	71.	LOW	253.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
18 0 44	73.	LOW	251.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
18 0 49	73.	LOW	251.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
18 0 54	72.	LOW	249.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
18 0 59	73.	LOW	247.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
18 7 4	73.	LOW	246.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
18 7 9	73.	LOW	244.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
18 7 14	72.	LOW	244.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
18 7 24	74.	LOW	239.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
18 7 39	73.	LOW	238.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
18 7 44	74.	LOW	238.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
18 7 49	74.	LOW	236.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
18 7 54	73.	LOW	236.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
18 7 59	73.	LOW	235.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
18 8 4	73.	LOW	234.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
18 8 9	73.	LOW	234.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
18 8 14	74.	LOW	233.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
18 8 20	74.	LOW	233.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
18 8 25	74.	LOW	230.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
18 8 30	76.	LOW	231.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
18 8 38	76.	226.	191.	30.	70.	75.	76.	70.	135.	93.	71.	64.	71.	57.
18 23 33	76.	227.	190.	95.	79.	75.	76.	70.	135.	93.	71.	64.	71.	57.
18 23 43	76.	227.	190.	95.	79.	75.	76.	70.	135.	93.	71.	64.	71.	57.
18 21 9	70.	227.	190.	95.	79.	75.	76.	70.	135.	93.	71.	64.	71.	57.
18 21 14	80.	227.	195.	94.	81.	82.	80.	73.	137.	91.	72.	72.	74.	56.
18 21 19	84.	225.	196.	100.	85.	85.	82.	75.	133.	90.	71.	71.	74.	57.
18 21 24	82.	225.	196.	100.	85.	85.	82.	75.	133.	90.	71.	71.	74.	57.
18 21 29	82.	225.	194.	99.	83.	83.	73.	75.	136.	90.	77.	77.	74.	55.
18 21 34	81.	222.	194.	99.	83.	83.	73.	75.	136.	90.	77.	77.	74.	55.
18 21 39	81.	222.	194.	99.	83.	83.	73.	75.	136.	90.	77.	77.	74.	55.
18 21 45	74.	221.	191.	96.	83.	83.	73.	75.	136.	90.	77.	77.	74.	55.
18 21 50	76.	221.	190.	94.	83.	83.	73.	75.	136.	90.	77.	77.	74.	55.
18 21 55	78.	221.	163.	93.	83.	83.	73.	75.	136.	90.	77.	77.	74.	55.
18 22 0	77.	221.	163.	93.	83.	83.	73.	75.	136.	90.	77.	77.	74.	55.

TIME H/M/S	EC 119 TEMP APB MMH AFT R/H	PR 20 TEMP JIL CSO INLET L/H ENGINE	PR 22 TEMP OIL CSO JUEL L/H ENGINE	EC 110 TEMP WEAPNS BAY STA 430	EC 111 TEMP WEAPNS BAY STA 400	EC 112 TEMP WEAPNS BAY STA 341	EC 113 TEMP WEAPNS BAY STA 276	SP 11 TEMP HYD OIL UIL KSEVR	SP 12 TEMP HYD JIL PRAM INLET KUDER	EC 102 TEMP RADOME AREA TOP STA 24	EC 103 TEMP RADOME AREA TOP STA 72	EC 104 TEMP RADOME AREA TOP STA120	EC 105 TEMP RADOME AREA TOP STA124
10													
18 22 5	77.	219.	187.	91.	79.	73.	57.	101.	87.	84.	77.	73.	59.
18 22 10	77.	220.	187.	92.	77.	73.	66.	100.	87.	86.	75.	73.	59.
18 22 15	77.	221.	187.	93.	77.	74.	59.	96.	85.	121.	70.	76.	63.
18 22 20	77.	223.	186.	93.	77.	74.	89.	99.	86.	189.	74.	75.	62.
18 22 25	76.	220.	185.	93.	77.	74.	86.	101.	85.	91.	77.	76.	61.
18 22 30	76.	222.	186.	92.	75.	74.	56.	101.	86.	84.	74.	72.	57.
18 22 35	77.	220.	186.	91.	77.	74.	58.	97.	87.	77.	71.	72.	56.
18 22 40	75.	223.	186.	93.	76.	74.	60.	99.	87.	78.	69.	69.	54.
18 22 45	77.	220.	185.	93.	79.	75.	58.	103.	88.	77.	63.	65.	52.
18 22 50	76.	213.	186.	93.	79.	75.	59.	103.	89.	73.	63.	65.	58.
18 22 55	76.	219.	186.	95.	76.	75.	71.	103.	88.	88.	63.	69.	54.
18 23 0	77.	222.	186.	94.	77.	75.	70.	103.	88.	98.	68.	73.	57.

C COMPUTATOR

TIME H/M/S	SP TEMP HYD OIL INLET UTL PUMP	SP TEMP HYD OIL INLET PRIMARY PUMP	EC 94 TEMP FWD EQUIP AFT CHECK L/H	EC 95 TEMP AFT EQUIP AFT CHECK L/H	EC 96 TEMP FWD EQUIP AFT CHECK R/H	EC 97 TEMP AFT EQUIP AFT CHECK R/H	EC 68 LOPP PROCES UP	EC 69 LO VOLT POS UP	EC 70 ELEC POS JT	EC 71 XPR HEATX IN	EC 72 XMR HEATX OUT	EC 73 CADC	EC 74 MAX COMP UNT
16 19 3	LUM	LUM	LUM	78.	LUM	90.	71.	74.	62.	61.	64.	70.	71.
16 19 8	LUM	LUM	LUM	76.	LUM	78.	71.	74.	66.	63.	64.	70.	71.
16 19 13	LUM	LUM	LUM	78.	LUM	78.	71.	74.	69.	61.	65.	71.	71.
16 19 18	LUM	LUM	LUM	77.	LUM	78.	71.	74.	70.	68.	66.	71.	70.
16 19 23	LUM	LUM	LUM	77.	LUM	78.	72.	74.	72.	65.	65.	69.	72.
16 19 28	LUM	LUM	LUM	77.	LUM	78.	71.	74.	63.	63.	65.	69.	71.
16 19 33	LUM	LUM	LUM	78.	LUM	78.	71.	74.	71.	63.	64.	70.	68.
16 19 38	LUM	LUM	LUM	78.	LUM	77.	71.	74.	63.	63.	64.	69.	69.
16 19 43	LUM	LUM	LUM	79.	LUM	79.	59.	73.	70.	61.	65.	64.	66.
16 19 48	LUM	LUM	LUM	76.	LUM	76.	71.	74.	70.	62.	65.	69.	68.
16 19 53	LUM	LUM	LUM	76.	LUM	76.	71.	74.	70.	62.	64.	68.	65.
16 19 58	LUM	LUM	LUM	77.	LUM	77.	72.	75.	69.	60.	64.	68.	67.
16 20 4	LUM	LUM	LUM	78.	LUM	78.	73.	73.	71.	64.	63.	69.	71.
16 20 9	LUM	LUM	LUM	77.	LUM	78.	72.	74.	70.	64.	64.	69.	71.
16 21 26	LUM	LUM	LUM	77.	LUM	79.	64.	73.	63.	55.	59.	63.	59.
16 21 31	LUM	LUM	LUM	76.	LUM	78.	59.	73.	70.	62.	64.	69.	67.
16 21 36	LUM	LUM	LUM	78.	LUM	77.	71.	74.	69.	61.	61.	67.	67.
16 21 41	LUM	LUM	LUM	78.	LUM	75.	75.	76.	72.	65.	65.	70.	68.
16 21 46	LUM	LUM	LUM	76.	LUM	77.	73.	76.	79.	67.	71.	74.	74.
16 21 51	LUM	LUM	LUM	76.	LUM	78.	71.	77.	73.	67.	68.	74.	75.
16 21 56	LUM	LUM	LUM	78.	LUM	77.	71.	69.	68.	59.	68.	65.	63.
16 22 1	LUM	LUM	LUM	78.	LUM	76.	73.	73.	72.	55.	65.	71.	72.
16 22 6	LUM	LUM	LUM	77.	LUM	76.	65.	69.	64.	59.	53.	65.	67.
16 22 11	LUM	LUM	LUM	78.	LUM	78.	68.	71.	60.	58.	57.	65.	68.
16 22 16	LUM	LUM	LUM	79.	LUM	80.	64.	68.	61.	58.	60.	63.	64.
16 22 21	LUM	LUM	LUM	79.	LUM	78.	65.	69.	64.	55.	63.	68.	68.
16 22 26	LUM	LUM	LUM	79.	LUM	76.	72.	74.	73.	71.	69.	75.	76.
16 22 31	LUM	LUM	LUM	80.	LUM	76.	71.	72.	73.	66.	66.	70.	73.
16 22 36	LUM	LUM	LUM	80.	LUM	78.	71.	74.	73.	67.	67.	72.	74.
16 22 41	LUM	LUM	LUM	80.	LUM	77.	72.	74.	73.	68.	68.	73.	75.
16 22 46	LUM	LUM	LUM	80.	LUM	76.	71.	73.	71.	63.	66.	72.	72.
16 22 51	LUM	LUM	LUM	81.	LUM	76.	55.	72.	68.	55.	62.	69.	69.
16 23 1	LUM	LUM	LUM	81.	LUM	74.	64.	67.	64.	59.	55.	71.	71.
16 23 6	LUM	LUM	LUM	81.	LUM	74.	62.	66.	63.	57.	59.	69.	64.
16 23 11	LUM	LUM	LUM	81.	LUM	76.	55.	68.	61.	58.	58.	67.	66.
16 23 16	LUM	LUM	LUM	81.	LUM	75.	59.	71.	60.	56.	58.	67.	64.
16 23 21	LUM	LUM	LUM	80.	LUM	75.	69.	73.	74.	61.	62.	72.	71.
16 23 26	LUM	LUM	LUM	84.	LUM	75.	62.	63.	71.	49.	53.	61.	65.
16 23 31	LUM	LUM	LUM	82.	LUM	75.	53.	65.	62.	49.	54.	63.	65.
16 23 36	LUM	LUM	LUM	80.	LUM	75.	59.	62.	63.	50.	52.	67.	66.
16 23 41	LUM	LUM	LUM	80.	LUM	75.	62.	65.	64.	51.	53.	66.	65.
16 23 46	LUM	LUM	LUM	82.	LUM	75.	57.	71.	63.	52.	53.	66.	64.
16 23 51	LUM	LUM	LUM	81.	LUM	75.	53.	67.	62.	51.	52.	65.	64.
16 23 56	LUM	LUM	LUM	81.	LUM	73.	55.	69.	60.	54.	56.	70.	69.

[illegible]

TIME M/M/S	SP TEMP HYDOLL INLET PUMP	SP TEMP HYD OIL INLET PRIMARY PUMP	EC 94 TEMP FWD AFT CHECK L/H	EC 93 TEMP AFT EQUIP CHECK L/H	EC 96 TEMP FWD EQUIP CHECK R/H	EC 97 TEMP AFT EQUIP CHECK R/H	EC 98 LOMP PROJES	EC 69 LD VOLT POS UP	EC 71 PWR HEATX IN	EC 72 XMR HEATX OUT	EC 73 CAUL	EC 74 NAX COMP UNIT
16 48 34	105.	101.	76.	56.	63.	56.	54.	52.	42.	41.	28.	59.
16 48 39	106.	102.	76.	67.	69.	67.	51.	51.	40.	41.	27.	59.
16 48 44	106.	97.	73.	67.	72.	56.	48.	45.	35.	36.	53.	54.
16 48 49	107.	97.	74.	36.	71.	59.	43.	45.	34.	36.	53.	54.
16 48 54	106.	97.	73.	84.	71.	69.	44.	42.	33.	33.	48.	54.
16 48 59	106.	98.	74.	85.	71.	57.	47.	45.	35.	38.	55.	59.
16 49 4	96.	94.	76.	90.	69.	59.	53.	59.	44.	44.	59.	61.
16 49 9	100.	95.	77.	91.	70.	59.	54.	57.	41.	44.	59.	68.
16 49 14	110.	103.	74.	33.	71.	69.	46.	44.	37.	42.	58.	59.
16 49 19	105.	97.	76.	85.	70.	59.	48.	46.	36.	39.	56.	57.
16 49 29	105.	95.	73.	87.	67.	58.	48.	44.	35.	33.	52.	54.
16 49 29	103.	90.	76.	87.	68.	59.	52.	51.	40.	40.	57.	59.
16 49 34	101.	95.	79.	38.	70.	59.	57.	58.	43.	46.	58.	61.
16 49 39	102.	94.	78.	38.	69.	59.	50.	52.	35.	41.	56.	56.
16 49 52	113.	97.	76.	64.	71.	58.	44.	44.	36.	36.	54.	56.
16 49 59	110.	97.	74.	86.	71.	58.	45.	43.	32.	34.	52.	54.
16 50 4	101.	96.	79.	67.	72.	59.	57.	53.	42.	42.	61.	61.
16 50 9	110.	93.	78.	69.	72.	58.	55.	52.	41.	40.	57.	60.
16 50 14	98.	102.	76.	84.	69.	59.	42.	47.	39.	42.	62.	63.
16 50 19	103.	95.	74.	90.	71.	57.	47.	49.	43.	44.	56.	60.
16 50 24	111.	97.	73.	84.	70.	70.	49.	49.	38.	35.	52.	57.
16 50 29	108.	100.	74.	85.	74.	67.	47.	48.	34.	37.	52.	54.
16 50 34	104.	93.	74.	68.	68.	59.	46.	45.	40.	40.	55.	57.
16 50 40	105.	36.	75.	81.	70.	59.	46.	45.	35.	37.	51.	58.
16 50 45	116.	37.	75.	80.	73.	71.	45.	47.	43.	42.	56.	59.
16 50 50	106.	94.	75.	82.	71.	59.	44.	46.	42.	37.	54.	56.
16 50 55	104.	92.	82.	87.	75.	50.	44.	56.	46.	46.	61.	60.
16 51 8	105.	95.	77.	86.	73.	55.	44.	51.	50.	46.	56.	60.
16 51 13	103.	93.	74.	87.	71.	66.	45.	44.	48.	35.	45.	49.
16 51 18	102.	90.	76.	88.	71.	58.	45.	53.	46.	44.	53.	55.
16 51 23	111.	97.	75.	82.	71.	59.	53.	53.	46.	44.	53.	55.
16 51 28	104.	95.	76.	85.	70.	58.	50.	51.	53.	48.	58.	56.
16 51 33	110.	93.	75.	84.	71.	56.	51.	58.	48.	46.	64.	67.
16 51 38	110.	100.	75.	84.	71.	56.	51.	58.	48.	46.	64.	67.
16 51 43	104.	93.	74.	86.	73.	55.	44.	51.	50.	46.	56.	60.
16 51 48	105.	95.	77.	86.	73.	55.	44.	51.	50.	46.	56.	60.
16 51 53	104.	92.	74.	80.	70.	57.	45.	54.	44.	48.	57.	59.
16 51 58	104.	90.	76.	88.	71.	59.	53.	53.	46.	44.	53.	55.
16 52 3	104.	90.	76.	88.	71.	59.	53.	53.	46.	44.	53.	55.
16 52 8	104.	90.	76.	88.	71.	59.	53.	53.	46.	44.	53.	55.
16 52 13	104.	90.	76.	88.	71.	59.	53.	53.	46.	44.	53.	55.
16 52 18	104.	90.	76.	88.	71.	59.	53.	53.	46.	44.	53.	55.
16 52 23	104.	90.	76.	88.	71.	59.	53.	53.	46.	44.	53.	55.
16 52 28	104.	90.	76.	88.	71.	59.	53.	53.	46.	44.	53.	55.
16 52 33	104.	90.	76.	88.	71.	59.	53.	53.	46.	44.	53.	55.
16 52 38	104.	90.	76.	88.	71.	59.	53.	53.	46.	44.	53.	55.
16 52 43	104.	90.	76.	88.	71.	59.	53.	53.	46.	44.	53.	55.
16 52 48	104.	90.	76.	88.	71.	59.	53.	53.	46.	44.	53.	55.

[illegible]

TIME M/H/S	SP TEMP HYD OIL INLET UTL PLP	SP TEMP HYD OIL INLET PRIMARY PUMP	EC 94 TEMP FWD EQUIP CHECK L/H	EC 95 TEMP AFT EQUIP CHECK L/H	EC 30 TEMP FWD EQUIP CHECK L/H	EC 37 TEMP AFT EQUIP CHECK R/H	EL 68 LOPP PROCES	EC 69 LO VOLT POS UP	EC 71 EL-C PROC UT	EC 71 XMR FEATX IN	EC 72 XMR MEATX OUT	EC 73 CAOC	EC 74 NAX LOMP UNIT
16 57 45	LOM	LOM	LOM	91.	LOM	57.	71.	74.	58.	56.	53.	53.	55.
16 57 50	LOM	LOM	LOM	91.	LOM	58.	59.	73.	57.	55.	52.	50.	55.
16 57 55	LOM	LOM	LOM	55.	LOM	70.	65.	72.	61.	53.	55.	54.	55.
16 58 0	LOM	LOM	LOM	58.	LOM	70.	55.	69.	57.	51.	51.	50.	53.
16 58 5	LOM	LOM	LOM	49.	LOM	59.	58.	63.	59.	52.	52.	51.	51.
16 58 10	LOM	LOM	LOM	48.	LOM	59.	57.	68.	58.	52.	51.	50.	53.
16 58 15	LOM	LOM	LOM	91.	LOM	59.	57.	63.	53.	53.	53.	51.	54.
16 58 20	LOM	LOM	LOM	90.	LOM	57.	55.	70.	53.	53.	53.	50.	55.
16 58 25	LOM	LOM	LOM	88.	LOM	71.	55.	67.	58.	48.	50.	51.	56.
16 58 30	LOM	LOM	LOM	91.	LOM	59.	56.	68.	54.	46.	48.	51.	56.
16 58 35	LOM	LOM	LOM	93.	LOM	57.	55.	66.	53.	46.	48.	50.	59.
16 58 40	LOM	LOM	LOM	89.	LOM	59.	54.	64.	53.	47.	49.	50.	61.
16 58 45	LOM	LOM	LOM	90.	LOM	56.	54.	54.	53.	46.	48.	50.	61.
16 59 0	LOM	LOM	LOM	91.	LOM	57.	55.	65.	53.	49.	49.	50.	62.
16 59 5	LOM	LOM	LOM	86.	LOM	53.	53.	66.	53.	48.	48.	50.	62.
16 59 10	LOM	LOM	LOM	89.	LOM	59.	54.	65.	53.	48.	50.	50.	63.
16 59 15	LOM	LOM	LOM	92.	LOM	58.	57.	69.	50.	46.	47.	50.	61.
16 59 20	LOM	LOM	LOM	91.	LOM	58.	55.	65.	54.	46.	48.	50.	64.
16 59 25	LOM	LOM	LOM	90.	LOM	57.	50.	65.	54.	48.	51.	50.	67.
16 59 30	LOM	LOM	LOM	91.	LOM	59.	53.	68.	53.	47.	49.	50.	68.
16 59 35	LOM	LOM	LOM	88.	LOM	57.	55.	66.	53.	50.	50.	61.	65.
16 59 40	LOM	LOM	LOM	89.	LOM	58.	53.	64.	50.	49.	49.	60.	68.
16 59 45	LOM	LOM	LOM	86.	LOM	59.	53.	66.	55.	51.	52.	60.	68.
16 59 50	LOM	LOM	LOM	90.	LOM	58.	53.	64.	53.	48.	49.	50.	63.
16 59 55	LOM	LOM	LOM	90.	LOM	57.	53.	66.	57.	52.	50.	60.	65.
17 0 0	LOM	LOM	LOM	93.	LOM	71.	35.	102.	60.	46.	43.	60.	74.
17 45 23	LOM	LOM	LOM	94.	LOM	70.	37.	104.	79.	46.	44.	60.	74.
17 45 28	LOM	LOM	LOM	91.	LOM	59.	100.	105.	76.	51.	44.	65.	76.
17 45 33	LOM	LOM	LOM	88.	LOM	59.	99.	104.	77.	45.	45.	63.	75.
17 45 39	LOM	LOM	LOM	91.	LOM	53.	99.	108.	78.	50.	46.	65.	75.
17 45 44	LOM	LOM	LOM	92.	LOM	56.	98.	102.	77.	41.	46.	64.	75.
17 45 49	LOM	LOM	LOM	97.	LOM	59.	95.	102.	76.	45.	43.	63.	59.
17 45 54	LOM	LOM	LOM	89.	LOM	50.	95.	104.	77.	49.	44.	59.	71.
17 45 59	LOM	LOM	LOM	92.	LOM	70.	96.	101.	73.	32.	44.	59.	72.
17 46 4	LOM	LOM	LOM	92.	LOM	58.	95.	103.	70.	38.	43.	56.	71.
17 46 9	LOM	LOM	LOM	92.	LOM	58.	95.	103.	70.	38.	43.	56.	71.
17 46 14	LOM	LOM	LOM	92.	LOM	58.	95.	103.	70.	38.	43.	56.	71.
17 46 19	LOM	LOM	LOM	93.	LOM	59.	94.	108.	72.	47.	45.	63.	72.
17 46 32	LOM	LOM	LOM	90.	LOM	59.	97.	102.	70.	49.	44.	63.	72.
17 46 37	LOM	LOM	LOM	91.	LOM	58.	96.	102.	70.	49.	44.	63.	72.
17 46 39	LOM	LOM	LOM	91.	LOM	57.	96.	102.	70.	49.	44.	63.	72.
17 47 37	LOM	LOM	LOM	91.	LOM	57.	96.	102.	70.	49.	44.	63.	72.
17 47 42	LOM	LOM	LOM	91.	LOM	57.	96.	102.	70.	49.	44.	63.	72.
17 47 47	LOM	LOM	LOM	93.	LOM	57.	96.	102.	70.	49.	44.	63.	72.
17 47 52	LOM	LOM	LOM	93.	LOM	57.	96.	102.	70.	49.	44.	63.	72.
17 47 57	LOM	LOM	LOM	91.	LOM	70.	95.	105.	81.	48.	40.	64.	75.

[illegible]

TIME H/M/S	SF 1 TEMP HYDRAUL INLET PUMP	SP 5 TEMP OIL INLET PUMP	EC 94 TEMP FWD AFT L/H	EC 95 TEMP AFT AFT CHECK L/H	EC 96 TEMP FWD AFT CHECK L/H	EC 97 TEMP AFT AFT CHECK L/H	EC 98 WOPP PROCES	EC 69 LO VOLT POS UP	EC 70 ELEC PROC UT	EC 71 XMR HEATX IN	EC 72 XMR HEATX OUT	EC 73 CAJUL	EC 74 NAA COMP UNT
10 22 5	128.	117.	82.	91.	73.	74.	57.	63.	80.	50.	52.	81.	75.
10 22 10	127.	116.	82.	93.	72.	75.	58.	70.	68.	48.	49.	58.	73.
10 22 15	127.	117.	82.	92.	73.	74.	57.	78.	65.	43.	37.	54.	67.
10 22 20	127.	116.	82.	92.	72.	74.	56.	69.	56.	42.	40.	53.	65.
10 22 25	127.	117.	76.	90.	73.	75.	58.	72.	70.	46.	45.	59.	76.
10 22 30	127.	117.	79.	91.	73.	75.	70.	71.	71.	48.	40.	82.	73.
10 22 35	126.	117.	83.	96.	73.	74.	71.	69.	87.	58.	50.	81.	74.
10 22 40	126.	117.	83.	91.	72.	74.	73.	74.	71.	52.	52.	82.	78.
10 22 45	126.	119.	82.	92.	74.	76.	76.	80.	74.	56.	52.	81.	76.
10 22 50	129.	119.	82.	92.	73.	75.	70.	79.	75.	54.	51.	81.	75.
10 22 55	126.	118.	82.	91.	73.	76.	74.	75.	71.	47.	49.	84.	66.
10 23 0	127.	118.	82.	92.	74.	76.	71.	73.	63.	45.	44.	84.	67.

11

TIME H/M/S	EC 75 MAST FREQ GN	EC 76 INNER REF UNIT	EC 80 TRANS SYNC	EC 81 K/H TFR CJMP	EC 82 STU EX AIR	EC 83 DOP ELEC UT	EC 84 UNC	EC 85 CONVER BOTT	EC 86 MDC	EC 87 SPARE	EC 88 STU IN AMB	EC 89 AKS POM SUPP	EC 90 CONVER TOP
16 19 3	66.	74.	63.	69.	67.	71.	72.	67.	71.	LOM	68.	68.	71.
16 19 4	66.	75.	65.	68.	69.	71.	75.	68.	73.	LOM	69.	68.	68.
16 19 13	66.	75.	64.	71.	63.	74.	73.	64.	77.	LOM	65.	67.	65.
16 19 31	66.	75.	64.	69.	70.	71.	80.	66.	74.	LOM	65.	67.	67.
16 19 28	66.	74.	65.	69.	69.	73.	94.	69.	67.	LOM	73.	65.	68.
16 19 33	65.	77.	61.	67.	63.	63.	91.	67.	63.	LOM	69.	66.	68.
16 19 33	65.	77.	61.	67.	63.	63.	91.	67.	63.	LOM	69.	66.	68.
16 19 38	65.	76.	66.	67.	67.	67.	76.	65.	67.	LOM	67.	65.	76.
16 19 43	66.	74.	66.	69.	69.	70.	80.	65.	71.	LOM	67.	66.	66.
16 19 48	66.	75.	66.	69.	69.	70.	59.	65.	73.	LOM	68.	64.	67.
16 19 53	65.	76.	65.	68.	67.	71.	59.	65.	71.	LOM	74.	65.	66.
16 20 4	65.	75.	65.	68.	67.	71.	56.	68.	71.	LOM	70.	67.	67.
16 20 9	67.	76.	66.	69.	70.	72.	33.	69.	74.	LOM	70.	67.	68.
16 21 6	61.	73.	63.	69.	69.	70.	86.	63.	73.	LOM	72.	68.	62.
16 21 31	65.	75.	63.	69.	67.	70.	77.	66.	74.	LOM	70.	67.	71.
16 21 36	59.	70.	66.	66.	63.	70.	72.	67.	76.	LOM	70.	67.	67.
16 21 41	60.	72.	66.	66.	68.	73.	73.	65.	70.	LOM	68.	61.	61.
16 21 46	72.	74.	64.	64.	65.	65.	65.	67.	74.	LOM	73.	64.	65.
16 21 51	71.	75.	64.	67.	67.	67.	59.	68.	71.	LOM	71.	64.	65.
16 21 56	55.	69.	60.	60.	58.	59.	55.	65.	73.	LOM	70.	66.	69.
16 22 1	64.	74.	66.	67.	67.	67.	59.	65.	73.	LOM	70.	66.	69.
16 22 6	64.	76.	66.	67.	67.	67.	81.	68.	77.	LOM	70.	67.	67.
16 22 11	62.	73.	67.	68.	67.	72.	74.	66.	73.	LOM	63.	69.	69.
16 22 16	61.	71.	63.	66.	67.	69.	74.	66.	63.	LOM	69.	67.	68.
16 22 21	66.	75.	63.	66.	67.	69.	77.	68.	67.	LOM	71.	65.	68.
16 22 34	71.	76.	65.	66.	65.	69.	74.	66.	67.	LOM	69.	65.	65.
16 22 36	66.	73.	65.	67.	65.	70.	73.	59.	63.	LOM	67.	67.	68.
16 22 41	67.	74.	53.	60.	63.	55.	54.	67.	63.	LOM	67.	66.	66.
16 22 46	65.	75.	63.	67.	63.	56.	74.	67.	66.	LOM	70.	63.	66.
16 22 51	65.	73.	64.	68.	65.	57.	77.	65.	63.	LOM	70.	65.	66.
16 22 56	62.	71.	62.	67.	65.	55.	73.	64.	67.	LOM	67.	66.	66.
16 23 1	65.	74.	63.	67.	70.	57.	75.	64.	65.	LOM	72.	63.	67.
16 23 9	60.	77.	64.	66.	68.	68.	74.	68.	63.	LOM	71.	63.	66.
16 23 6	67.	76.	66.	66.	67.	59.	54.	67.	67.	LOM	68.	67.	67.
16 23 11	64.	73.	63.	66.	67.	55.	76.	65.	69.	LOM	68.	67.	67.
16 23 16	55.	71.	63.	66.	67.	56.	58.	66.	73.	LOM	68.	64.	65.
16 23 21	61.	72.	63.	65.	67.	58.	94.	66.	72.	LOM	69.	65.	66.
16 23 26	59.	73.	63.	65.	65.	54.	74.	66.	74.	LOM	69.	65.	66.
16 23 32	59.	73.	62.	67.	65.	54.	75.	66.	73.	LOM	67.	65.	66.
16 23 37	61.	73.	62.	67.	65.	54.	75.	66.	73.	LOM	67.	65.	66.
16 23 42	61.	73.	64.	64.	67.	54.	75.	66.	73.	LOM	67.	65.	66.
16 23 47	61.	71.	61.	64.	67.	58.	71.	67.	67.	LOM	70.	64.	66.
16 23 52	61.	71.	61.	64.	67.	58.	71.	67.	67.	LOM	70.	64.	66.
16 23 57	64.	74.	63.	55.	66.	58.	66.	67.	63.	LOM	71.	64.	66.

TIME H/M/S	EC 75 MAST FREQ GN	EC 76 INER REF UNIT	EC 80 TRANS SYNC	EC 81 K/H TFR LUMP	EC 82 STU EX AIR	EC 83 DOFP ELEC UT	EC 84 GNC	EC 85 CONVER BOTT	EC 86 MOD	EC 87 SPARE	EC 88 STU IN AND A	EC 89 ARS POH SUPP	EC 90 CONVER TOP
16 30 34	59.	69.	50.	03.	60.	61.	64.	63.	64.	LCH	64.	63.	62.
16 38 39	62.	73.	52.	33.	59.	54.	57.	62.	59.	LCH	59.	58.	62.
16 38 44	59.	69.	46.	32.	58.	53.	59.	57.	60.	LCH	60.	57.	57.
16 38 49	59.	66.	53.	28.	56.	56.	53.	61.	59.	LCH	59.	56.	50.
16 38 54	60.	68.	53.	39.	55.	56.	61.	61.	59.	LCH	59.	58.	58.
16 39 09	59.	71.	55.	59.	58.	56.	65.	62.	63.	LCH	57.	59.	55.
16 39 14	61.	72.	54.	01.	57.	55.	55.	60.	60.	LCH	59.	59.	61.
16 39 19	54.	65.	45.	59.	55.	53.	66.	59.	54.	LCH	61.	57.	59.
16 39 24	63.	73.	50.	56.	58.	56.	71.	62.	53.	LCH	59.	58.	59.
16 39 29	61.	74.	52.	59.	57.	54.	59.	60.	59.	LCH	59.	58.	58.
16 39 34	61.	72.	49.	61.	53.	53.	56.	61.	61.	LCH	61.	58.	56.
16 39 39	59.	70.	50.	59.	55.	56.	66.	63.	62.	LCH	59.	58.	58.
16 39 44	56.	69.	53.	50.	56.	53.	66.	63.	61.	LCH	59.	58.	58.
16 39 49	63.	71.	52.	57.	57.	53.	73.	61.	53.	LCH	59.	53.	59.
16 39 54	61.	71.	49.	59.	57.	54.	69.	62.	59.	LCH	59.	53.	59.
16 40 09	61.	63.	53.	60.	53.	54.	69.	60.	62.	LCH	59.	54.	60.
16 40 14	61.	72.	52.	59.	53.	51.	60.	61.	50.	LCH	59.	56.	58.
16 40 19	61.	69.	50.	59.	53.	52.	60.	61.	63.	LCH	59.	56.	58.
16 40 24	61.	72.	49.	59.	53.	54.	60.	61.	60.	LCH	59.	56.	58.
16 40 29	61.	69.	52.	59.	53.	54.	60.	61.	60.	LCH	59.	56.	58.
16 40 34	61.	72.	49.	59.	53.	54.	60.	61.	60.	LCH	59.	56.	58.
16 40 39	61.	72.	49.	59.	53.	54.	60.	61.	60.	LCH	59.	56.	58.
16 40 44	61.	72.	49.	59.	53.	54.	60.	61.	60.	LCH	59.	56.	58.
16 40 49	61.	72.	49.	59.	53.	54.	60.	61.	60.	LCH	59.	56.	58.
16 40 54	61.	72.	49.	59.	53.	54.	60.	61.	60.	LCH	59.	56.	58.
16 41 09	61.	72.	49.	59.	53.	54.	60.	61.	60.	LCH	59.	56.	58.
16 41 14	61.	72.	49.	59.	53.	54.	60.	61.	60.	LCH	59.	56.	58.
16 41 19	61.	72.	49.	59.	53.	54.	60.	61.	60.	LCH	59.	56.	58.
16 41 24	61.	72.	49.	59.	53.	54.	60.	61.	60.	LCH	59.	56.	58.
16 41 29	61.	72.	49.	59.	53.	54.	60.	61.	60.	LCH	59.	56.	58.
16 41 34	61.	72.	49.	59.	53.	54.	60.	61.	60.	LCH	59.	56.	58.
16 41 39	61.	72.	49.	59.	53.	54.	60.	61.	60.	LCH	59.	56.	58.
16 41 44	61.	72.	49.	59.	53.	54.	60.	61.	60.	LCH	59.	56.	58.
16 41 49	61.	72.	49.	59.	53.	54.	60.	61.	60.	LCH	59.	56.	58.
16 41 54	61.	72.	49.	59.	53.	54.	60.	61.	60.	LCH	59.	56.	58.
16 42 09	61.	72.	49.	59.	53.	54.	60.	61.	60.	LCH	59.	56.	58.
16 42 14	61.	72.	49.	59.	53.	54.	60.	61.	60.	LCH	59.	56.	58.
16 42 19	61.	72.	49.	59.	53.	54.	60.	61.	60.	LCH	59.	56.	58.
16 42 24	61.	72.	49.	59.	53.	54.	60.	61.	60.	LCH	59.	56.	58.
16 42 29	61.	72.	49.	59.	53.	54.	60.	61.	60.	LCH	59.	56.	58.

TIME H/M/S	EC 75 FAST FREQ GN	EC 76 INER REF UNT	EC 60 TRANS SYNG	EC 81 R/H TFR CUMF	EC 82 STU EX AIR	EC 83 DOFP ELES UT	EC 84 GNC	EC 85 CONVER BUTT	EC 86 WJC	EC 87 SPARE	EC 88 STJ IN AMB A	EC 89 AKS POW SUPP	EC 90 CONVER TOP
16 48 34	58.	74.	42.	36.	54.	48.	74.	63.	61.	LOH	59.	54.	62.
16 48 39	57.	74.	45.	37.	53.	50.	70.	62.	65.	LOH	59.	54.	62.
16 48 44	53.	73.	46.	55.	55.	52.	63.	63.	58.	LOH	64.	52.	61.
16 48 49	54.	73.	47.	36.	54.	50.	63.	63.	57.	LOH	61.	51.	62.
16 48 54	52.	73.	48.	55.	57.	51.	65.	65.	67.	LOH	61.	53.	63.
16 48 59	58.	76.	50.	55.	55.	53.	66.	64.	62.	LOH	59.	53.	62.
16 49 4	56.	77.	46.	56.	50.	51.	66.	59.	63.	LOH	57.	54.	63.
16 49 9	59.	76.	46.	56.	50.	50.	73.	61.	63.	LOH	57.	54.	63.
16 49 14	59.	79.	46.	56.	53.	50.	71.	63.	57.	LOH	58.	51.	63.
16 49 19	55.	75.	46.	56.	54.	49.	57.	63.	59.	LOH	59.	51.	58.
16 49 24	46.	67.	46.	56.	55.	51.	54.	64.	56.	LOH	56.	53.	59.
16 49 29	54.	72.	49.	56.	53.	50.	56.	63.	66.	LOH	57.	53.	62.
16 49 34	61.	70.	46.	56.	51.	50.	61.	61.	65.	LOH	58.	54.	63.
16 49 39	56.	74.	46.	56.	52.	49.	63.	63.	64.	LOH	59.	51.	64.
16 49 44	54.	75.	48.	56.	54.	53.	75.	65.	64.	LOH	59.	52.	59.
16 49 49	53.	72.	48.	56.	53.	53.	75.	64.	58.	LOH	58.	53.	60.
16 49 54	56.	74.	46.	56.	54.	49.	66.	65.	52.	LOH	60.	40.	63.
16 50 4	56.	74.	47.	54.	54.	48.	65.	65.	60.	LOH	60.	49.	63.
16 50 9	62.	85.	46.	58.	52.	51.	51.	63.	64.	LOH	53.	50.	64.
16 50 14	63.	86.	46.	56.	53.	50.	75.	64.	61.	LOH	57.	50.	64.
16 50 19	56.	77.	49.	54.	54.	51.	61.	65.	63.	LOH	61.	53.	61.
16 50 24	56.	74.	50.	35.	54.	51.	61.	63.	61.	LOH	61.	54.	62.
16 50 29	57.	81.	47.	53.	55.	50.	70.	63.	63.	LOH	59.	52.	62.
16 50 34	53.	74.	46.	56.	55.	49.	65.	65.	67.	LOH	61.	53.	60.
16 50 39	50.	70.	48.	55.	54.	51.	60.	61.	61.	LOH	59.	50.	63.
16 50 44	61.	83.	48.	58.	54.	49.	57.	65.	65.	LOH	56.	50.	65.
16 50 49	56.	77.	46.	55.	54.	50.	66.	66.	63.	LOH	58.	51.	63.
16 50 54	56.	79.	43.	55.	55.	48.	68.	67.	60.	LOH	60.	50.	63.
16 51 0	57.	78.	48.	55.	53.	51.	68.	65.	64.	LOH	59.	49.	64.
16 51 13	44.	65.	49.	54.	57.	52.	76.	65.	72.	LOH	62.	52.	62.
16 51 18	51.	70.	46.	55.	54.	51.	71.	65.	66.	LOH	60.	53.	64.
16 51 23	60.	90.	46.	54.	56.	47.	55.	67.	58.	LOH	59.	42.	61.
16 51 28	60.	81.	48.	35.	54.	49.	56.	62.	62.	LOH	58.	40.	61.
16 51 33	62.	46.	46.	34.	52.	53.	39.	64.	65.	LOH	58.	52.	63.
16 51 38	58.	78.	46.	54.	54.	51.	71.	65.	60.	LOH	53.	51.	64.
16 51 43	56.	76.	49.	53.	52.	52.	67.	65.	59.	LOH	61.	52.	64.
16 51 48	55.	77.	47.	55.	54.	51.	69.	65.	57.	LOH	63.	51.	65.
16 51 53	59.	74.	50.	54.	53.	52.	66.	63.	72.	LOH	58.	55.	64.
16 51 58	60.	79.	49.	54.	54.	51.	59.	64.	67.	LOH	60.	52.	67.
16 52 0	64.	86.	47.	56.	52.	50.	57.	63.	62.	LOH	53.	50.	68.
16 52 5	56.	63.	48.	54.	54.	51.	55.	63.	64.	LOH	57.	51.	64.
16 52 10	61.	80.	46.	56.	48.	50.	72.	63.	63.	LOH	53.	50.	66.
16 52 15	61.	83.	46.	56.	51.	50.	61.	63.	60.	LOH	56.	51.	67.
16 52 20	50.	84.	46.	54.	54.	50.	55.	63.	61.	LOH	59.	53.	61.
16 52 25	51.	80.	42.	54.	54.	44.	55.	65.	66.	LOH	61.	51.	62.
16 52 30	56.	84.	44.	55.	57.	49.	55.	65.	65.	LOH	59.	51.	62.
16 52 35	57.	76.	46.	56.	54.	50.	59.	63.	67.	LOH	53.	53.	64.

TIME H/M/S	EC 75 HAST FREQ GN	EC 75 INER REF UNIT	EC 83 TRANS SYNC	EC 81 R/H TFR COMP	EC 82 STU EX AIR	EC 82 DOPP ELEC UT	EC 83 CNC	EC 84 CONVER BOT	EC 85 MUL	EC 86 SPARE	EC 87 SIU IN AMB A	EC 89 AKS POH SUPP	EC 90 CONVER TOP
16 52 45	56.	77.	48.	55.	53.	52.	59.	63.	62.	LOW	56.	52.	55.
16 52 45	64.	83.	46.	53.	54.	52.	63.	58.	78.	LOW	59.	52.	63.
16 52 50	57.	76.	47.	54.	53.	50.	65.	62.	68.	LOW	53.	51.	55.
16 52 55	56.	78.	50.	56.	56.	53.	74.	63.	65.	LOW	58.	51.	64.
16 53 0	58.	81.	49.	54.	57.	51.	66.	65.	63.	LOW	59.	50.	65.
16 53 13	67.	88.	44.	55.	55.	49.	77.	65.	67.	LOW	58.	53.	66.
16 53 18	58.	81.	46.	54.	56.	50.	72.	59.	63.	LOW	59.	53.	64.
16 53 16	52.	78.	48.	54.	58.	50.	71.	63.	61.	LOW	60.	48.	66.
16 53 21	54.	77.	48.	54.	56.	51.	78.	64.	60.	LOW	61.	50.	66.
16 53 26	55.	76.	46.	55.	55.	54.	56.	66.	63.	LOW	61.	52.	62.
16 53 31	55.	78.	47.	55.	58.	52.	65.	65.	64.	LOW	50.	52.	62.
16 53 36	61.	82.	45.	53.	58.	50.	68.	67.	68.	LOW	60.	50.	66.
16 53 41	56.	79.	45.	54.	57.	49.	66.	67.	64.	LOW	60.	48.	63.
16 53 46	54.	78.	47.	54.	53.	50.	58.	67.	67.	LOW	60.	49.	64.
16 53 51	56.	81.	47.	55.	59.	49.	61.	67.	62.	LOW	61.	50.	64.
16 53 56	53.	78.	48.	52.	53.	52.	57.	69.	64.	LOW	61.	50.	63.
16 54 1	54.	79.	48.	53.	59.	52.	65.	53.	65.	LOW	61.	50.	65.
16 54 6	61.	88.	47.	53.	53.	49.	68.	60.	65.	LOW	61.	50.	65.
16 54 11	56.	77.	48.	54.	59.	49.	58.	66.	61.	LOW	59.	49.	66.
16 54 16	56.	81.	46.	51.	57.	48.	65.	65.	65.	LOW	58.	52.	66.
16 54 21	56.	79.	47.	55.	57.	51.	61.	67.	65.	LOW	58.	52.	65.
16 54 26	54.	77.	49.	55.	57.	52.	66.	68.	66.	LOW	58.	52.	65.
16 54 31	52.	75.	47.	56.	58.	52.	61.	64.	61.	LOW	58.	52.	65.
16 54 36	56.	79.	48.	53.	58.	51.	64.	65.	63.	LOW	61.	51.	65.
16 54 41	54.	80.	45.	53.	58.	52.	59.	68.	67.	LOW	58.	51.	65.
16 54 46	57.	83.	46.	53.	53.	53.	60.	65.	62.	LOW	59.	51.	65.
16 54 51	58.	82.	48.	52.	58.	53.	65.	65.	65.	LOW	59.	51.	65.
16 55 1	52.	80.	48.	54.	58.	53.	63.	65.	64.	LOW	59.	51.	66.
16 55 6	56.	81.	48.	54.	60.	54.	68.	68.	64.	LOW	59.	50.	66.
16 55 9	55.	79.	48.	52.	64.	51.	63.	68.	63.	LOW	60.	49.	66.
16 55 19	54.	78.	48.	51.	61.	51.	71.	69.	65.	LOW	60.	48.	66.
16 56 24	57.	79.	49.	51.	62.	52.	69.	68.	66.	LOW	60.	48.	66.
16 56 29	56.	78.	48.	51.	62.	53.	64.	69.	67.	LOW	61.	48.	66.
16 56 34	57.	77.	48.	52.	63.	53.	64.	67.	67.	LOW	61.	49.	69.
16 56 39	61.	80.	45.	54.	63.	51.	74.	67.	67.	LOW	59.	49.	69.
16 56 49	59.	81.	46.	53.	63.	51.	72.	67.	64.	LOW	59.	51.	69.
16 56 54	50.	82.	46.	53.	58.	51.	78.	56.	65.	LOW	59.	51.	69.
16 56 59	52.	80.	50.	53.	58.	54.	59.	65.	74.	LOW	58.	48.	69.
16 57 4	56.	78.	46.	53.	58.	54.	68.	64.	74.	LOW	57.	48.	69.
16 57 9	57.	77.	48.	54.	63.	51.	72.	69.	69.	LOW	61.	49.	66.
16 57 14	55.	73.	49.	51.	61.	54.	66.	69.	69.	LOW	61.	49.	67.
16 57 19	55.	73.	49.	51.	61.	54.	66.	69.	69.	LOW	61.	49.	67.
16 57 24	61.	80.	45.	52.	59.	53.	71.	67.	70.	LOW	59.	51.	69.
16 57 30	52.	79.	49.	53.	53.	53.	67.	66.	72.	LOW	58.	49.	69.
16 57 35	62.	84.	43.	53.	53.	51.	70.	67.	71.	LOW	57.	49.	70.
16 57 40	61.	83.	47.	54.	63.	51.	74.	68.	71.	LOW	57.	49.	68.

TIME H/M/S	EC 75 MAST FREQ GN	EC 76 INER REF UNT	EC 80 TRANS SYNC	EC 81 K/H TFR CJMP	EC 82 STU EX YIK	EC 83 DOPP ELEC UT	LC 84 UNC	EC 85 CONVEK BOTT	EC 86 MUL	EC 87 SPARE	EC 88 STU IN AMD A	EC 89 ARS POA SUPP	EC 90 CONVER TOP
12													
16 57 45	57.	77.	48.	32.	62.	34.	72.	68.	72.	LOM	62.	31.	66.
16 57 50	57.	79.	46.	33.	61.	34.	34.	39.	71.	LOM	61.	31.	66.
16 57 55	60.	80.	47.	34.	59.	48.	74.	69.	65.	LOM	60.	50.	70.
16 58 00	51.	77.	47.	46.	61.	39.	74.	69.	63.	LOM	59.	38.	71.
16 58 05	54.	76.	42.	32.	61.	30.	58.	69.	67.	LOM	60.	38.	67.
16 58 10	51.	78.	45.	32.	61.	32.	71.	69.	66.	LOM	59.	38.	68.
16 58 15	57.	78.	50.	32.	60.	51.	53.	69.	68.	LOM	59.	38.	69.
16 58 20	58.	79.	49.	33.	63.	48.	71.	70.	71.	LOM	61.	48.	71.
16 58 25	59.	80.	47.	33.	63.	48.	71.	70.	72.	LOM	60.	39.	67.
16 58 30	55.	83.	48.	32.	62.	34.	71.	67.	73.	LOM	59.	32.	70.
16 58 35	54.	69.	48.	34.	62.	33.	72.	67.	73.	LOM	58.	30.	69.
16 58 40	54.	76.	51.	34.	62.	33.	72.	67.	73.	LOM	61.	31.	69.
16 58 45	54.	70.	50.	31.	61.	33.	66.	68.	63.	LOM	59.	51.	71.
16 58 50	55.	76.	48.	33.	63.	33.	57.	66.	74.	LOM	61.	38.	67.
16 59 00	51.	76.	48.	31.	61.	32.	74.	67.	74.	LOM	57.	34.	70.
16 59 05	56.	77.	47.	31.	60.	34.	75.	68.	63.	LOM	57.	34.	70.
16 59 10	54.	77.	46.	32.	60.	34.	71.	65.	73.	LOM	61.	30.	69.
16 59 15	53.	76.	49.	34.	61.	32.	74.	66.	73.	LOM	59.	31.	70.
16 59 20	51.	80.	45.	34.	61.	30.	55.	63.	68.	LOM	61.	38.	69.
16 59 25	56.	78.	46.	33.	62.	31.	58.	67.	74.	LOM	59.	31.	70.
16 59 30	55.	82.	51.	32.	58.	33.	73.	68.	73.	LOM	58.	31.	67.
16 59 35	52.	81.	51.	32.	59.	32.	73.	68.	73.	LOM	61.	38.	69.
16 59 40	59.	81.	49.	31.	54.	33.	73.	72.	74.	LOM	61.	38.	69.
16 59 45	53.	79.	48.	31.	64.	33.	73.	72.	74.	LOM	59.	38.	70.
16 59 50	54.	77.	48.	32.	62.	30.	76.	69.	73.	LOM	59.	38.	73.
16 59 55	55.	74.	47.	32.	64.	30.	72.	69.	73.	LOM	58.	38.	71.
17 00 00	59.	74.	46.	32.	63.	32.	72.	78.	75.	LOM	56.	38.	77.
17 45 23	61.	81.	40.	45.	69.	42.	80.	78.	77.	-145. +737856.	54.	42.	75.
17 45 28	62.	82.	41.	45.	67.	49.	80.	77.	76.	LOM	56.	42.	77.
17 45 33	62.	82.	41.	45.	68.	49.	80.	77.	76.	LOM	56.	42.	75.
17 45 39	62.	82.	42.	45.	69.	48.	80.	77.	76.	LOM	57.	42.	75.
17 45 44	62.	82.	42.	45.	69.	48.	80.	77.	76.	LOM	57.	42.	75.
17 45 49	62.	82.	42.	45.	69.	48.	80.	77.	76.	LOM	57.	42.	75.
17 45 54	60.	79.	41.	43.	63.	46.	83.	76.	83.	LOM	57.	42.	75.
17 46 00	61.	81.	40.	44.	63.	46.	83.	76.	83.	LOM	57.	42.	75.
17 46 04	57.	79.	41.	45.	63.	48.	74.	77.	81.	LOM	56.	40.	76.
17 46 09	64.	79.	40.	45.	70.	46.	74.	78.	74.	LOM	58.	39.	76.
17 46 14	62.	80.	42.	45.	69.	46.	75.	78.	83.	LOM	57.	41.	76.
17 46 19	61.	82.	40.	44.	71.	46.	75.	78.	83.	LOM	58.	40.	76.
17 46 24	63.	82.	40.	45.	73.	47.	73.	77.	82.	LOM	56.	41.	74.
17 46 29	58.	82.	40.	45.	63.	47.	83.	78.	81.	LOM	55.	41.	76.
17 46 34	58.	80.	40.	45.	70.	47.	83.	77.	81.	LOM	55.	41.	76.
17 46 39	56.	76.	42.	46.	63.	47.	83.	77.	81.	LOM	55.	41.	76.
17 46 44	56.	76.	42.	46.	63.	47.	83.	77.	81.	LOM	55.	41.	76.
17 46 49	60.	81.	42.	46.	71.	47.	81.	77.	87.	LOM	57.	43.	74.
17 46 54	61.	81.	42.	46.	71.	47.	81.	77.	87.	LOM	57.	43.	74.
17 47 00	62.	80.	42.	46.	69.	46.	80.	75.	84.	LOM	57.	43.	76.

TIME H/M/S	EL 75 HAST FREQ GN	EC 76 INER REF UNT	EC 80 TRANS SYNC	EC 81 R/M TFR LJMP	EC 82 STU EX AIR	EC 83 DOPP ELEC UT	EC 84 GNC	EC 85 CONVER BOIT	EC 86 ADC	EC 87 SPARE	EC 88 STU IN AMB A	EC 89 ARS POR SUPP	EC 90 CONVER TOP
12													
18 22 5	61.	80.	51.	55.	53.	51.	76.	73.	74.	LOW	62.	53.	86.
18 22 10	51.	79.	51.	55.	63.	50.	75.	74.	75.	LOW	62.	53.	79.
18 22 15	49.	72.	58.	55.	63.	50.	71.	73.	74.	LOW	64.	54.	80.
18 22 20	49.	72.	51.	55.	63.	50.	71.	73.	74.	LOW	63.	54.	80.
18 22 25	56.	76.	51.	56.	65.	51.	82.	74.	74.	LOW	62.	53.	79.
18 22 30	57.	78.	52.	56.	65.	51.	78.	74.	75.	LOW	62.	53.	86.
18 22 35	58.	81.	52.	56.	63.	51.	74.	73.	75.	LOW	62.	54.	80.
18 22 40	58.	83.	49.	56.	60.	51.	76.	74.	75.	LOW	62.	51.	80.
18 22 45	58.	76.	51.	56.	53.	51.	74.	74.	76.	LOW	63.	54.	81.
18 22 50	57.	75.	51.	56.	59.	52.	75.	74.	75.	LOW	63.	54.	81.
18 22 55	57.	65.	47.	56.	65.	51.	72.	72.	74.	LOW	63.	48.	81.
18 23 0	51.	69.	50.	56.	65.	51.	77.	73.	77.	LOW	64.	51.	81.

C COMPUTATOR

TIME H/M/S	EL 91 MAINT CON UT	AF 15 TEMP FUEL INLET HYD COOLER UTL	AF 16 TEMP FUEL OUTLET HYD COOLER UTL	AF 19 TEMP OIL OUTLET FUEL COOLER L/MENG	AF 20 TEMP OIL OUTLET AIR-OL COOLER L/MENG	SP 3 TEMP HYD OIL OUTLET UTL PUMP	SP 7 TEMP HYD OIL OUTLET PRIMARY PUMP	AF 7 TEMP FUEL INLET MAIN FUELCT L/MENG	AF 3 TEMP FUEL MAIN OUTLET L/MENG	AF 9 TEMP FUEL INLET A/B FUELCT L/MENG	AF 22 TEMP OIL TANK L/MENG	AF 27 TEMP OIL INLET AIR-OL COOLER L/MENG	AF 28 TEMP OIL OUTLET AIR-OL COOLER L/MENG
16 19 3	844.	LOW	LOW	37.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
16 19 8	846.	LOW	LOW	67.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
16 19 13	827.	LOW	LOW	71.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
16 19 31	826.	LOW	LOW	69.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
16 19 28	783.	LOW	LOW	57.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
16 19 33	788.	LOW	LOW	56.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
16 19 33	810.	LOW	LOW	67.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
16 19 38	881.	LOW	LOW	57.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
16 19 43	799.	LOW	LOW	57.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
16 19 48	791.	LOW	LOW	55.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
16 19 53	610.	LOW	LOW	56.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
16 19 58	805.	LOW	LOW	66.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
16 20 4	834.	LOW	LOW	66.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
16 20 9	818.	LOW	LOW	56.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
16 21 26	848.	LOW	LOW	56.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
16 21 31	835.	LOW	LOW	66.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
16 21 36	781.	LOW	LOW	57.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
16 21 41	777.	LOW	LOW	56.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
16 21 46	772.	LOW	LOW	59.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
16 21 51	776.	LOW	LOW	57.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
16 21 56	789.	LOW	LOW	57.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
16 22 1	779.	LOW	LOW	56.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
16 22 6	775.	LOW	LOW	66.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
16 22 11	786.	LOW	LOW	57.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
16 22 16	815.	LOW	LOW	56.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
16 22 21	807.	LOW	LOW	57.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
16 22 34	794.	LOW	LOW	57.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
16 22 36	787.	LOW	LOW	58.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
16 22 41	774.	LOW	LOW	58.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
16 22 46	774.	LOW	LOW	58.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
16 22 51	777.	LOW	LOW	58.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
16 22 56	781.	LOW	LOW	53.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
16 23 1	766.	LOW	LOW	65.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
16 23 9	776.	LOW	LOW	57.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
16 23 6	772.	LOW	LOW	66.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
16 23 11	775.	LOW	LOW	57.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
16 23 16	802.	LOW	LOW	57.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
16 23 21	795.	LOW	LOW	68.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
16 23 26	783.	LOW	LOW	67.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
16 23 32	787.	LOW	LOW	56.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
16 23 37	791.	LOW	LOW	56.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
16 23 42	795.	LOW	LOW	58.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
16 23 47	792.	LOW	LOW	58.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
16 23 52	792.	LOW	LOW	58.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
16 23 57	770.	LOW	LOW	58.	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW

TIME
M/M/S

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TIME M/M/S	EC MAINT COW UT	AF 15 TEMP FUEL INLET HYD COOLER OIL	AF 16 TEMP FUEL OUTLET HYD COOLER UTL	AF 19 TEMP OIL OUTLET FUEL COOLER L/MENG	AF 20 TEMP OIL OUTLET COOLER L/MENG	SP 3 TEMP HYD OIL OUTLET UTL PUMP	SP 7 TEMP HYD OIL OUTLET PRIMARY PUMP	AF 7 TEMP FUEL INLET MAIN OUTLET L/MENG	AF 9 TEMP FUEL INLET A/B FUELCT L/MENG	AF 22 TEMP OIL TANK L/MENG	AF 27 TEMP OIL INLET AIR-OL COOLER L/MENG	AF 28 TEMP OIL OUTLET AIR-OL COOLER L/MENG
16 36 34	805.	L/M	L/M	57.	L/M	L/M	L/M	L/M	L/M	L/M	L/M	L/M
16 38 39	848.	L/M	L/M	57.	L/M	L/M	L/M	L/M	L/M	L/M	L/M	L/M
16 38 44	848.	L/M	L/M	66.	L/M	L/M	L/M	L/M	L/M	L/M	L/M	L/M
16 38 49	848.	L/M	L/M	57.	L/M	L/M	L/M	L/M	L/M	L/M	L/M	L/M
16 38 54	848.	L/M	L/M	58.	L/M	L/M	L/M	L/M	L/M	L/M	L/M	L/M
16 38 59	848.	L/M	L/M	55.	L/M	L/M	L/M	L/M	L/M	L/M	L/M	L/M
16 39 4	848.	L/M	L/M	57.	L/M	L/M	L/M	L/M	L/M	L/M	L/M	L/M
16 39 9	848.	L/M	L/M	59.	L/M	L/M	L/M	L/M	L/M	L/M	L/M	L/M
16 39 14	848.	L/M	L/M	59.	L/M	L/M	L/M	L/M	L/M	L/M	L/M	L/M
16 39 19	848.	L/M	L/M	59.	L/M	L/M	L/M	L/M	L/M	L/M	L/M	L/M
16 39 24	848.	L/M	L/M	70.	L/M	L/M	L/M	L/M	L/M	L/M	L/M	L/M
16 39 29	848.	L/M	L/M	74.	L/M	L/M	L/M	L/M	L/M	L/M	L/M	L/M
16 39 34	848.	L/M	L/M	75.	L/M	L/M	L/M	L/M	L/M	L/M	L/M	L/M
16 39 39	848.	L/M	L/M	74.	L/M	L/M	L/M	L/M	L/M	L/M	L/M	L/M
16 39 44	848.	L/M	L/M	75.	L/M	L/M	L/M	L/M	L/M	L/M	L/M	L/M
16 39 49	848.	L/M	L/M	77.	L/M	L/M	L/M	L/M	L/M	L/M	L/M	L/M
16 39 54	848.	L/M	L/M	78.	L/M	L/M	L/M	L/M	L/M	L/M	L/M	L/M
16 40 4	848.	L/M	L/M	88.	L/M	L/M	L/M	L/M	L/M	L/M	L/M	L/M
16 40 9	848.	L/M	L/M	81.	L/M	L/M	L/M	L/M	L/M	L/M	L/M	L/M
16 40 14	848.	L/M	L/M	83.	L/M	L/M	L/M	L/M	L/M	L/M	L/M	L/M
16 40 19	848.	L/M	L/M	82.	L/M	L/M	L/M	L/M	L/M	L/M	L/M	L/M
16 40 24	848.	L/M	L/M	80.	L/M	L/M	L/M	L/M	L/M	L/M	L/M	L/M
16 40 29	848.	L/M	L/M	87.	L/M	L/M	L/M	L/M	L/M	L/M	L/M	L/M
16 40 34	848.	L/M	L/M	89.	L/M	L/M	L/M	L/M	L/M	L/M	L/M	L/M
16 46 33	848.	L/M	L/M	115.	189.	112.	105.	97.4	84.3	223.	228.	286.
16 46 38	848.	L/M	L/M	112.	183.	108.	104.	99.7	87.6	224.	228.	286.
16 46 43	848.	L/M	L/M	117.	185.	107.	103.	89.5	66.3	224.	230.	285.
16 46 48	848.	L/M	L/M	117.	183.	110.	105.	98.0	53.1	228.	234.	285.
16 46 53	848.	L/M	L/M	111.	183.	111.	106.	105.6	108.5	234.	239.	285.
16 46 58	848.	L/M	L/M	119.	183.	110.	104.	102.6	96.1	234.	239.	285.
16 47 3	848.	L/M	L/M	130.	188.	117.	109.	93.3	92.2	229.	239.	285.
16 47 8	848.	L/M	L/M	128.	189.	117.	109.	99.3	99.5	234.	246.	285.
16 47 13	848.	L/M	L/M	125.	183.	114.	108.	106.5	103.2	244.	252.	285.
16 47 18	848.	L/M	L/M	135.	183.	115.	109.	108.1	105.2	247.	252.	285.
16 47 23	848.	L/M	L/M	145.	194.	118.	112.	105.2	94.8	245.	257.	285.
16 47 28	848.	L/M	L/M	148.	191.	116.	113.	109.1	101.9	246.	254.	285.
16 47 33	848.	L/M	L/M	158.	183.	107.	114.	113.4	95.4	241.	254.	285.</

TIME H/M/S	EC 91 MAINT CON UT	AF 15 TEMP FUEL INLET HYD COOLER UTL	AF 16 TEMP FUEL OUTLET HYD COOLER JTL	AF 19 TEMP OIL OUTLET FUEL COOLER L/HENG	AF 20 TEMP JIL OUTLET 1/8 COOLER L/HENG	SP 3 TEMP HYD OIL UTL PUMP	SP 7 TEMP HYD OIL OUTLET PRIMRY PUMP	AF 7 TEMP FUEL INLET MAIN OUTLET L/HENG	AF 9 TEMP FULL MAIN OUTLET L/HENG	AF 9 TEMP FUEL INLET A/B FUELCT L/HENG	AF 22 TEMP JIL TANK L/HENG	AF 27 TEMP OIL INLET AIR-OL COOLER L/HENG	AF 26 TEMP OIL OUTLET AIR-OL COOLER L/HENG
16 48 34	848.	83.	84.	132.	193.	109.	119.	115.5	L04	90.8	235.	239.	229.
16 48 39	848.	92.	80.	130.	193.	110.	118.	115.9	L04	90.5	234.	238.	229.
16 48 44	848.	71.	72.	201.	197.	116.	125.	125.6	L04	107.8	244.	247.	237.
16 48 49	848.	72.	70.	200.	199.	118.	124.	123.3	L04	108.1	244.	246.	237.
16 48 54	848.	69.	74.	177.	198.	118.	126.	123.3	L04	105.8	245.	246.	235.
16 48 59	848.	78.	76.	193.	198.	115.	124.	123.4	L04	100.3	239.	245.	231.
16 49 4	848.	78.	77.	194.	181.	110.	116.	121.4	L04	105.8	235.	240.	231.
16 49 9	848.	81.	77.	194.	184.	109.	113.	120.7	L04	102.2	231.	237.	232.
16 49 14	848.	74.	77.	196.	198.	116.	123.	121.7	L04	105.8	237.	240.	232.
16 49 19	848.	74.	77.	196.	198.	116.	123.	121.7	L04	105.8	237.	240.	232.
16 49 29	848.	73.	71.	198.	193.	108.	119.	120.6	L04	111.4	241.	249.	233.
16 49 34	848.	78.	75.	196.	189.	118.	118.	121.7	L04	105.5	234.	244.	231.
16 49 39	848.	79.	76.	196.	183.	118.	118.	121.7	L04	105.5	234.	244.	231.
16 49 49	848.	73.	75.	196.	206.	115.	123.	121.7	L04	101.3	237.	238.	228.
16 49 54	848.	82.	75.	196.	206.	115.	123.	121.7	L04	101.3	237.	238.	228.
16 50 4	848.	80.	80.	195.	188.	115.	120.	119.4	L04	95.4	231.	230.	224.
16 50 9	848.	80.	83.	196.	195.	115.	120.	119.4	L04	111.0	233.	233.	224.
16 50 14	848.	79.	78.	193.	184.	111.	118.	119.5	L04	101.9	233.	233.	224.
16 50 19	848.	76.	75.	193.	184.	111.	118.	119.5	L04	99.3	233.	233.	224.
16 50 24	848.	74.	75.	193.	184.	111.	118.	119.5	L04	102.6	234.	237.	236.
16 50 29	848.	77.	77.	193.	184.	111.	118.	119.5	L04	107.4	234.	237.	236.
16 50 34	848.	70.	73.	193.	184.	111.	118.	119.5	L04	104.9	234.	237.	236.
16 50 40	848.	77.	72.	193.	184.	111.	118.	119.5	L04	117.5	234.	237.	236.
16 50 45	848.	71.	72.	193.	184.	111.	118.	119.5	L04	107.4	234.	237.	236.
16 50 50	848.	71.	72.	193.	184.	111.	118.	119.5	L04	107.4	234.	237.	236.
16 50 55	848.	71.	72.	193.	184.	111.	118.	119.5	L04	107.4	234.	237.	236.
16 51 8	848.	73.	58.	201.	193.	114.	119.	120.2	L04	101.3	228.	236.	236.
16 51 13	848.	75.	73.	193.	184.	114.	119.	120.2	L04	101.3	228.	236.	236.
16 51 18	848.	63.	86.	193.	184.	114.	119.	120.2	L04	116.2	234.	238.	231.
16 51 23	848.	82.	82.	193.	184.	114.	119.	120.2	L04	116.2	234.	238.	231.
16 51 28	848.	82.	82.	193.	184.	114.	119.	120.2	L04	116.2	234.	238.	231.
16 51 33	848.	848.	848.	193.	184.	114.	119.	120.2	L04	116.2	234.	238.	231.
16 51 38	848.	848.	848.	193.	184.	114.	119.	120.2	L04	116.2	234.	238.	231.
16 51 43	848.	848.	848.	193.	184.	114.	119.	120.2	L04	116.2	234.	238.	231.
16 51 48	848.	848.	848.	193.	184.	114.	119.	120.2	L04	116.2	234.	238.	231.
16 51 53	848.	848.	848.	193.	184.	114.	119.	120.2	L04	116.2	234.	238.	231.
16 51 58	848.	848.	848.	193.	184.	114.	119.	120.2	L04	116.2	234.	238.	231.
16 52 3	848.	848.	848.	193.	184.	114.	119.	120.2	L04	116.2	234.	238.	231.
16 52 8	848.	848.	848.	193.	184.	114.	119.	120.2	L04	116.2	234.	238.	231.
16 52 13	848.	848.	848.	193.	184.	114.	119.	120.2	L04	116.2	234.	238.	231.
16 52 18	848.	848.	848.	193.	184.	114.	119.	120.2	L04	116.2	234.	238.	231.
16 52 23	848.	848.	848.	193.	184.	114.	119.	120.2	L04	116.2	234.	238.	231.
16 52 28	848.	848.	848.	193.	184.	114.	119.	120.2	L04	116.2	234.	238.	231.
16 52 33	848.	848.	848.	193.	184.	114.	119.	120.2	L04	116.2	234.	238.	231.
16 52 38	848.	848.	848.	193.	184.	114.	119.	120.2	L04	116.2	234.	238.	231.
16 52 43	848.	848.	848.	193.	184.	114.	119.	120.2	L04	116.2	234.	238.	231.
16 52 48	848.	848.	848.	193.	184.	114.	119.	120.2	L04	116.2	234.	238.	231.

TIME H/M/S	EC 91 MAINT CON UT	AF 15 TEMP FUEL INLET HYD COOLER UTL	AF 15 TEMP FUEL OUTLET HYD COOLER UTL	AF 19 TEMP OIL OUTLET FUEL COOLER L/MENG	AF 20 TEMP OIL OUTLET FUEL COOLER L/MENG	SP 3 TEMP HYD OIL OUTLET UTL PUMP	SP 7 TEMP HYD OIL OUTLET PRIMARY PUMP	AF 7 TEMP FUEL INLET MAIN FUELCT L/MENG	AF 9 TEMP FUEL MAIN COMTR OUTLET L/MENG	AF 9 TEMP FUEL A/B FUELCT L/MENG	AF 22 TEMP OIL TANK L/MENG	AF 27 TEMP OIL INLET AIR-OL COOLER L/MENG	AF 29 TEMP OIL OUTLET AIR-OL COOLER L/MENG
17 50 33	833.	LOM	LOM	217.	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM
17 50 38	846.	LOM	LOM	221.	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM
17 50 43	848.	LOM	LOM	217.	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM
17 50 48	848.	LOM	LOM	228.	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM
17 50 53	844.	LOM	LOM	221.	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM
17 50 58	801.	LOM	LOM	211.	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM
17 59 3	814.	LOM	LOM	216.	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM
17 59 8	827.	LOM	LOM	214.	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM
17 59 13	824.	LOM	LOM	217.	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM
17 59 18	824.	LOM	LOM	223.	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM
17 59 23	806.	LOM	LOM	217.	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM
17 59 28	797.	LOM	LOM	216.	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM
17 59 33	790.	LOM	LOM	213.	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM
17 59 38	782.	LOM	LOM	219.	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM
18 0 39	815.	LOM	LOM	216.	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM
18 0 44	848.	LOM	LOM	212.	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM
18 0 49	846.	LOM	LOM	211.	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM
18 0 54	845.	LOM	LOM	213.	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM
18 0 59	833.	LOM	LOM	209.	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM
18 7 4	806.	LOM	LOM	207.	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM
18 7 9	795.	LOM	LOM	207.	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM
18 7 14	775.	LOM	LOM	202.	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM
18 7 24	787.	LOM	LOM	201.	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM
18 7 39	815.	LOM	LOM	202.	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM
18 7 44	809.	LOM	LOM	202.	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM
18 7 49	792.	LOM	LOM	208.	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM
18 7 54	773.	LOM	LOM	238.	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM
18 7 59	738.	LOM	LOM	208.	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM
18 8 4	740.	LOM	LOM	200.	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM
18 8 9	737.	LOM	LOM	199.	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM
18 8 14	721.	LOM	LOM	193.	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM
18 8 20	718.	LOM	LOM	195.	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM
18 8 25	709.	LOM	LOM	194.	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM
18 8 30	717.	LOM	LOM	195.	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM	LOM
18 20 38	762.	86.	87.	160.	154.	123.	139.5	139.5	129.1	129.1	216.	159.	165.
18 20 43	708.	84.	87.	161.	153.	124.	139.5	139.5	129.1	129.1	216.	160.	166.
18 21 9	635.	84.	86.	162.	154.	123.	139.5	139.5	129.1	129.1	215.	160.	165.
18 21 14	742.	87.	90.	165.	156.	127.	143.0	143.0	131.7	131.7	217.	158.	164.
18 21 19	841.	93.	93.	166.	158.	136.	144.6	144.6	131.7	131.7	218.	156.	161.
18 21 24	796.	86.	90.	163.	150.	129.	137.5	137.5	134.3	134.3	216.	155.	161.
18 21 29	792.	83.	91.	164.	152.	127.	140.4	140.4	131.7	131.7	216.	152.	157.
18 21 34	786.	84.	87.	154.	152.	121.	140.8	140.8	129.0	129.0	214.	150.	156.
18 21 39	783.	93.	87.	163.	152.	124.	140.8	140.8	129.0	129.0	215.	150.	157.
18 21 45	742.	79.	87.	160.	150.	126.	140.4	140.4	129.0	129.0	216.	149.	155.
18 21 50	776.	81.	86.	160.	150.	123.	140.4	140.4	129.0	129.0	216.	149.	155.
18 21 55	773.	82.	84.	158.	150.	127.	140.6	140.6	128.5	128.5	213.	147.	155.
18 22 0	761.	81.	85.	150.	149.	123.	140.6	140.6	129.1	129.1	214.	148.	152.

TIME M/M/S	EL 51 CON UT	AF 15 TEMP FUEL HYD COOLER UTL	AF 16 TEMP FUEL HYD COOLER UTL	AF 19 TEMP OIL FUEL HYD COOLER UTL	AF 20 TEMP OIL FUEL HYD COOLER UTL	AF 21 TEMP OIL FUEL HYD COOLER UTL	AF 22 TEMP OIL FUEL HYD COOLER UTL	AF 23 TEMP OIL FUEL HYD COOLER UTL	AF 24 TEMP OIL FUEL HYD COOLER UTL	AF 25 TEMP OIL FUEL HYD COOLER UTL	AF 26 TEMP OIL FUEL HYD COOLER UTL	AF 27 TEMP OIL FUEL HYD COOLER UTL	AF 28 TEMP OIL FUEL HYD COOLER UTL
18 22 5	759.	80.	82.	156.	149.	126.	140.6	129.8	214.	149.	155.	155.	155.
18 22 10	758.	80.	84.	157.	149.	126.	140.6	129.8	213.	149.	155.	155.	155.
18 22 15	763.	80.	84.	158.	149.	127.	139.6	129.8	214.	146.	154.	154.	154.
18 22 20	765.	80.	84.	158.	149.	127.	140.6	129.8	213.	147.	154.	154.	154.
18 22 25	757.	74.	84.	158.	151.	127.	141.1	129.8	213.	147.	154.	154.	154.
18 22 30	756.	77.	84.	158.	151.	127.	141.1	129.8	213.	147.	154.	154.	154.
18 22 35	751.	81.	83.	153.	148.	127.	140.8	128.8	213.	148.	154.	154.	154.
18 22 40	752.	81.	83.	155.	149.	127.	139.5	128.5	212.	147.	152.	152.	152.
18 22 45	767.	84.	86.	155.	149.	127.	137.9	128.5	216.	146.	152.	152.	152.
18 22 50	760.	83.	86.	157.	149.	127.	139.5	128.5	216.	145.	156.	156.	156.
18 22 55	754.	81.	85.	160.	143.	127.	139.5	128.5	216.	145.	156.	156.	156.
18 23 0	754.	81.	85.	159.	148.	127.	140.4	128.8	214.	145.	154.	154.	154.

TIME H/M/S	PR 7 TEMP L/MENG COMPT TCP FWD STA650	PR 8 TEMP L/MENG COMPT BOT FWD STA650	PR 9 TEMP L/MENG COMPT INBO FWD STA650	PR 10 TEMP L/MENG COMPT F40 STA350	PR 11 TEMP L/MENG COMPT TOP AFT STA770	PR 12 TEMP L/MENG COMPT BOT AFT STA770	AF 17 TEMP FUEL OUTLET FUELOIL COOLER L/MENG	PR 16 TEMP HYD OIL INLET UTIL PUMP	SP 3 TEMP HYD OIL UTIL INLET COOLER	SP 10 TEMP HYD OIL OUTLET UTC COOLER	EL 98 TEMP AMB FIN TIP COMPT	AF 37 TEMP SKIN MASS TAIL L/H STA687	AF 38 TEMP SKIN MASS TAIL R/H STA637
16 19 3	75.	69.	70.	70.	63.	70.	LOW	LOW	LJM	LOW	71.	LOW	LOW
16 19 8	75.	69.	70.	69.	68.	59.	LOW	LOW	LOW	LOW	71.	LOW	LOW
16 19 13	74.	69.	69.	71.	64.	53.	LOW	LOW	LOW	LOW	69.	LOW	LOW
16 19 18	75.	69.	70.	71.	63.	55.	LOW	LOW	LOW	LOW	70.	LOW	LOW
16 19 23	77.	69.	70.	69.	68.	57.	LOW	LOW	LOW	LOW	71.	LOW	LOW
16 19 28	77.	69.	70.	69.	68.	57.	LOW	LOW	LOW	LOW	71.	LOW	LOW
16 19 33	76.	68.	71.	70.	68.	58.	LOW	LOW	LOW	LOW	65.	LOW	LOW
16 19 38	76.	68.	70.	69.	68.	58.	LOW	LOW	LOW	LOW	69.	LOW	LOW
16 19 43	72.	66.	71.	69.	68.	56.	LOW	LOW	LJM	LOW	71.	LOW	LOW
16 19 48	75.	66.	70.	69.	64.	57.	LOW	LOW	LOW	LOW	71.	LOW	LOW
16 19 53	75.	69.	69.	70.	68.	57.	LOW	LOW	LOW	LOW	72.	LOW	LOW
16 19 58	71.	59.	70.	70.	64.	58.	LOW	LOW	LJM	LOW	72.	LOW	LOW
16 20 4	72.	71.	66.	69.	68.	57.	LOW	LOW	LOW	LOW	67.	LOW	LOW
16 20 9	76.	73.	68.	69.	66.	57.	LOW	LOW	LOW	LOW	69.	LOW	LOW
16 21 26	75.	67.	71.	69.	65.	59.	LOW	LOW	LOW	LOW	71.	LOW	LOW
16 21 31	74.	68.	70.	69.	66.	58.	LOW	LOW	LOW	LOW	72.	LOW	LOW
16 21 36	74.	70.	71.	69.	69.	59.	LOW	LOW	LOW	LOW	71.	LOW	LOW
16 21 41	74.	69.	71.	69.	63.	58.	LOW	LOW	LOW	LOW	72.	LOW	LOW
16 21 46	74.	66.	69.	69.	68.	58.	LOW	LOW	LOW	LOW	69.	LOW	LOW
16 21 51	74.	68.	70.	69.	68.	57.	LOW	LOW	LOW	LOW	70.	LOW	LOW
16 21 56	73.	69.	71.	71.	63.	58.	LOW	LOW	LOW	LOW	71.	LOW	LOW
16 22 1	71.	69.	70.	70.	69.	67.	LOW	LOW	LOW	LOW	72.	LOW	LOW
16 22 6	73.	69.	71.	69.	69.	59.	LOW	LOW	LOW	LOW	71.	LOW	LOW
16 22 11	74.	70.	70.	70.	63.	59.	LOW	LOW	LOW	LOW	69.	LOW	LOW
16 22 16	73.	69.	70.	70.	63.	59.	LOW	LOW	LOW	LOW	71.	LOW	LOW
16 22 21	73.	69.	70.	70.	63.	59.	LOW	LOW	LOW	LOW	72.	LOW	LOW
16 22 26	73.	68.	70.	69.	65.	58.	LOW	LOW	LOW	LOW	66.	LOW	LOW
16 22 31	73.	70.	70.	70.	68.	58.	LOW	LOW	LOW	LOW	73.	LOW	LOW
16 22 36	74.	70.	71.	71.	68.	58.	LOW	LOW	LOW	LOW	71.	LOW	LOW
16 22 41	73.	69.	70.	71.	63.	58.	LOW	LOW	LOW	LOW	73.	LOW	LOW
16 22 46	73.	63.	70.	71.	69.	57.	LOW	LOW	LOW	LOW	73.	LOW	LOW
16 22 51	73.	66.	72.	70.	68.	57.	LOW	LOW	LOW	LOW	68.	LOW	LOW
16 23 1	73.	69.	69.	69.	71.	59.	LOW	LOW	LOW	LOW	73.	LOW	LOW
16 23 6	73.	68.	69.	69.	70.	58.	LOW	LOW	LOW	LOW	70.	LOW	LOW
16 23 11	72.	70.	72.	70.	69.	57.	LOW	LOW	LOW	LOW	73.	LOW	LOW
16 23 16	71.	71.	71.	69.	69.	58.	LOW	LOW	LOW	LOW	71.	LOW	LOW
16 23 21	71.	60.	70.	69.	63.	58.	LOW	LOW	LOW	LOW	72.	LOW	LOW
16 23 26	75.	70.	71.	63.	69.	59.	LOW	LOW	LJM	LOW	69.	LOW	LOW
16 23 32	74.	70.	71.	67.	69.	59.	LOW	LOW	LOW	LOW	69.	LOW	LOW
16 23 37	74.	69.	70.	63.	71.	58.	LOW	LOW	LOW	LOW	70.	LOW	LOW
16 23 42	74.	69.	71.	67.	71.	58.	LOW	LOW	LOW	LOW	70.	LOW	LOW
16 23 47	71.	70.	69.	59.	63.	59.	LOW	LOW	LOW	LOW	70.	LOW	LOW
16 23 52	74.	69.	70.	70.	69.	57.	LOW	LOW	LOW	LOW	69.	LOW	LOW
16 23 57	74.	68.	70.	71.	69.	57.	LOW	LOW	LOW	LOW	69.	LOW	LOW

TIME H/M/S	PR TEMP L/HENG COMPT TCP FND STAGE	PR TEMP L/HENG COMPT INBJ FND STAGE	PR TEMP L/HENG COMPT TOP AFT STAGE	PR TEMP L/HENG COMPT FUEL OUTLET COOLER L/HENG	PR TEMP L/HENG COMPT INLET PUMP	SP TEMP HYD OIL OUTLET UTC COOLER	EC TEMP AMB FIN TIP COMPT	AF TEMP SKIN MASS TAIL R/H STAGE	AF TEMP SKIN MASS TAIL R/H STAGE
16 36 14	74.	57.	71.	73.	59.	71.	69.	LOM	LOM
16 36 39	74.	63.	70.	73.	59.	LOM	69.	LOM	LOM
16 36 44	73.	66.	71.	73.	78.	LOM	78.	LOM	LOM
16 36 49	74.	71.	71.	LOM	LOM	LOM	71.	LOM	LOM
16 36 54	74.	73.	71.	LOM	LOM	LOM	71.	LOM	LOM
16 36 59	74.	69.	71.	LOM	LOM	LOM	71.	LOM	LOM
16 37 4	74.	70.	72.	LOM	LOM	LOM	72.	LOM	LOM
16 37 9	74.	73.	74.	LOM	LOM	LOM	69.	LOM	LOM
16 37 14	75.	72.	74.	LOM	LOM	LOM	69.	LOM	LOM
16 37 19	74.	72.	73.	LOM	LOM	LOM	71.	LOM	LOM
16 37 24	74.	74.	73.	LOM	LOM	LOM	71.	LOM	LOM
16 37 29	74.	74.	73.	LOM	LOM	LOM	71.	LOM	LOM
16 37 34	74.	75.	74.	LOM	LOM	LOM	71.	LOM	LOM
16 37 39	72.	75.	73.	LOM	LOM	LOM	71.	LOM	LOM
16 37 44	73.	75.	73.	LOM	LOM	LOM	71.	LOM	LOM
16 37 49	75.	76.	74.	LOM	LOM	LOM	71.	LOM	LOM
16 37 54	74.	75.	74.	LOM	LOM	LOM	71.	LOM	LOM
16 37 59	73.	77.	75.	LOM	LOM	LOM	71.	LOM	LOM
16 38 4	74.	77.	75.	LOM	LOM	LOM	69.	LOM	LOM
16 38 9	74.	78.	75.	LOM	LOM	LOM	71.	LOM	LOM
16 38 14	73.	77.	73.	LOM	LOM	LOM	71.	LOM	LOM
16 38 19	72.	78.	76.	LOM	LOM	LOM	71.	LOM	LOM
16 38 24	76.	79.	73.	LOM	LOM	LOM	71.	LOM	LOM
16 38 29	76.	79.	73.	LOM	LOM	LOM	71.	LOM	LOM
16 38 34	76.	79.	73.	LOM	LOM	LOM	71.	LOM	LOM
16 38 39	76.	79.	73.	LOM	LOM	LOM	71.	LOM	LOM
16 38 44	76.	79.	73.	LOM	LOM	LOM	71.	LOM	LOM
16 38 49	76.	79.	73.	LOM	LOM	LOM	71.	LOM	LOM
16 38 54	76.	79.	73.	LOM	LOM	LOM	71.	LOM	LOM
16 38 59	76.	79.	73.	LOM	LOM	LOM	71.	LOM	LOM
16 39 4	76.	79.	73.	LOM	LOM	LOM	71.	LOM	LOM
16 39 9	76.	79.	73.	LOM	LOM	LOM	71.	LOM	LOM
16 39 14	76.	79.	73.	LOM	LOM	LOM	71.	LOM	LOM
16 39 19	76.	79.	73.	LOM	LOM	LOM	71.	LOM	LOM
16 39 24	76.	79.	73.	LOM	LOM	LOM	71.	LOM	LOM
16 39 29	76.	79.	73.	LOM	LOM	LOM	71.	LOM	LOM
16 39 34	76.	79.	73.	LOM	LOM	LOM	71.	LOM	LOM
16 39 39	76.	79.	73.	LOM	LOM	LOM	71.	LOM	LOM
16 39 44	76.	79.	73.	LOM	LOM	LOM	71.	LOM	LOM
16 39 49	76.	79.	73.	LOM	LOM	LOM	71.	LOM	LOM
16 39 54	76.	79.	73.	LOM	LOM	LOM	71.	LOM	LOM
16 39 59	76.	79.	73.	LOM	LOM	LOM	71.	LOM	LOM
16 40 4	76.	79.	73.	LOM	LOM	LOM	71.	LOM	LOM
16 40 9	76.	79.	73.	LOM	LOM	LOM	71.	LOM	LOM
16 40 14	76.	79.	73.	LOM	LOM	LOM	71.	LOM	LOM
16 40 19	76.	79.	73.	LOM	LOM	LOM	71.	LOM	LOM
16 40 24	76.	79.	73.	LOM	LOM	LOM	71.	LOM	LOM
16 40 29	76.	79.	73.	LOM	LOM	LOM	71.	LOM	LOM
16 40 34	76.	79.	73.	LOM	LOM	LOM	71.	LOM	LOM
16 40 39	76.	79.	73.	LOM	LOM	LOM	71.	LOM	LOM
16 40 44	76.	79.	73.	LOM	LOM	LOM	71.	LOM	LOM
16 40 49	76.	79.	73.	LOM	LOM	LOM	71.	LOM	LOM
16 40 54	76.	79.	73.	LOM	LOM	LOM	71.	LOM	LOM
16 40 59	76.	79.	73.	LOM	LOM	LOM	71.	LOM	LOM
16 41 4	76.	79.	73.	LOM	LOM	LOM	71.	LOM	LOM
16 41 9	76.	79.	73.	LOM	LOM	LOM	71.	LOM	LOM
16 41 14	76.	79.	73.	LOM	LOM	LOM	71.	LOM	LOM
16 41 19	76.	79.	73.	LOM	LOM	LOM	71.	LOM	LOM
16 41 24	76.	79.	73.	LOM	LOM	LOM	71.	LOM	LOM
16 41 29	76.	79.	73.	LOM	LOM	LOM	71.	LOM	LOM
16 41 34	76.	79.	73.	LOM	LOM	LOM	71.	LOM	LOM
16 41 39	76.	79.	73.	LOM	LOM	LOM	71.	LOM	LOM
16 41 44	76.	79.	73.	LOM	LOM	LOM	71.	LOM	LOM
16 41 49	76.	79.	73.	LOM	LOM	LOM	71.	LOM	LOM
16 41 54	76.	79.	73.	LOM	LOM	LOM	71.	LOM	LOM
16 41 59	76.	79.	73.	LOM	LOM	LOM	71.	LOM	LOM
16 42 4	76.	79.	73.	LOM	LOM	LOM	71.	LOM	LOM
16 42 9	76.	79.	73.	LOM	LOM	LOM	71.	LOM	LOM
16 42 14	76.	79.	73.	LOM	LOM	LOM	71.	LOM	LOM
16 42 19	76.	79.	73.	LOM	LOM	LOM	71.	LOM	LOM
16 42 24	76.	79.	73.	LOM	LOM	LOM	71.	LOM	LOM
16 42 29	76.	79.	73.	LOM	LOM	LOM	71.	LOM	LOM
16 42 34	76.	79.	73.	LOM	LOM	LOM	71.	LOM	LOM
16 42 39	76.	79.	73.	LOM	LOM	LOM	71.	LOM	LOM
16 42 44	76.	79.	73.	LOM	LOM	LOM	71.	LOM	LOM
16 42 49	76.	79.	73.	LOM	LOM	LOM	71.	LOM	LOM
16 42 54	76.	79.	73.	LOM	LOM	LOM	71.	LOM	LOM
16 42 59	76.	79.	73.	LOM	LOM	LOM	71.	LOM	LOM
16 43 4	76.	79.	73.	LOM	LOM	LOM	71.	LOM	LOM
16 43 9	76.	79.	73.	LOM	LOM	LOM	71.	LOM	LOM
16 43 14	76.	79.	73.	LOM	LOM	LOM	71.	LOM	LOM
16 43 19	76.	79.	73.	LOM	LOM	LOM	71.	LOM	LOM
16 43 24	76.	79.	73.	LOM	LOM	LOM	71.	LOM	LOM
16 43 29	76.	79.	73.	LOM	LOM	LOM	71.	LOM	LOM

TIME H/M/S	PR TEMP L/HENG COMPT TCP FWD STA650	PR TEMP L/HENG COMPT INBO FWD STA650	PR TEMP L/HENG COMPT TOP AFT STA776	PR TEMP L/HENG COMPT BJT AFT STA776	AF TEMP FUEL OUTLET FUELOUT COOLER L/HENG	PR TEMP HYD OIL INLET UTL PUMP	SP TEMP HYD OIL OUTLET UTC COOLER	EC TEMP AMB FIL TIP COMPT	AF TEMP SKIN MASS TAIL L/H STA687	AF TEMP SKIN MASS TAIL R/H STA687
16 40 34	74.	80.	85.	170.	204.	136.	123.	69.	75.	74.
16 40 39	74.	82.	85.	171.	205.	135.	122.	69.	75.	74.
16 40 44	91.	92.	95.	183.	221.	125.	114.	69.	72.	73.
16 40 49	87.	94.	94.	155.	221.	125.	113.	68.	72.	73.
16 40 54	91.	91.	94.	155.	219.	125.	115.	69.	69.	73.
16 40 59	84.	86.	90.	182.	211.	133.	118.	69.	72.	74.
16 41 04	71.	89.	85.	174.	208.	124.	119.	69.	72.	74.
16 41 09	74.	87.	84.	171.	204.	127.	123.	69.	72.	74.
16 41 14	84.	84.	88.	183.	214.	129.	114.	71.	72.	74.
16 41 19	83.	86.	87.	179.	212.	128.	116.	69.	72.	74.
16 41 24	89.	92.	95.	180.	215.	127.	114.	67.	76.	74.
16 41 29	81.	91.	90.	175.	211.	129.	113.	68.	72.	73.
16 41 34	74.	87.	81.	176.	199.	132.	123.	69.	73.	73.
16 41 39	80.	90.	85.	175.	206.	127.	120.	67.	74.	73.
16 41 44	80.	90.	85.	175.	206.	127.	120.	67.	74.	73.
16 41 49	89.	91.	95.	181.	213.	132.	116.	69.	76.	74.
16 41 54	77.	85.	81.	155.	203.	137.	116.	68.	72.	74.
16 41 59	78.	86.	84.	156.	204.	134.	110.	69.	74.	73.
16 50 04	75.	86.	88.	172.	237.	137.	120.	69.	74.	73.
16 50 09	76.	86.	88.	172.	237.	137.	120.	69.	74.	73.
16 50 14	76.	84.	86.	159.	207.	138.	121.	70.	71.	72.
16 50 19	86.	88.	87.	157.	205.	133.	121.	67.	72.	72.
16 50 24	85.	89.	92.	170.	209.	132.	119.	68.	71.	71.
16 50 29	86.	92.	94.	183.	215.	130.	111.	67.	73.	73.
16 50 34	86.	92.	90.	175.	209.	136.	116.	67.	73.	73.
16 50 39	86.	94.	89.	176.	216.	125.	113.	69.	73.	73.
16 50 44	85.	88.	85.	174.	208.	134.	118.	69.	73.	72.
16 50 49	85.	90.	92.	185.	215.	132.	114.	70.	71.	72.
16 50 54	84.	90.	92.	153.	216.	130.	115.	69.	74.	74.
16 50 59	74.	83.	74.	151.	206.	138.	123.	69.	73.	73.
16 51 04	81.	87.	83.	172.	208.	135.	120.	68.	73.	71.
16 51 09	84.	89.	95.	180.	214.	129.	110.	67.	72.	71.
16 51 14	78.	89.	88.	173.	200.	130.	117.	68.	73.	71.
16 51 19	74.	82.	83.	155.	203.	145.	123.	69.	76.	75.
16 51 24	77.	83.	90.	172.	204.	137.	121.	69.	77.	73.
16 51 29	73.	84.	85.	171.	203.	145.	124.	69.	74.	76.
16 51 34	76.	88.	86.	172.	203.	145.	124.	69.	74.	76.
16 51 39	71.	84.	84.	153.	206.	130.	115.	69.	74.	76.
16 51 44	75.	84.	85.	177.	204.	130.	115.	69.	74.	76.
16 51 49	74.	85.	82.	173.	204.	130.	115.	69.	74.	76.
16 51 54	76.	85.	82.	172.	204.	130.	115.	69.	74.	76.
16 51 59	77.	86.	83.	172.	204.	130.	115.	69.	74.	76.
16 52 04	82.	86.	84.	174.	204.	130.	115.	69.	74.	76.
16 52 09	82.	86.	84.	174.	204.	130.	115.	69.	74.	76.
16 52 14	80.	86.	84.	176.	204.	130.	115.	69.	74.	76.
16 52 19	80.	86.	84.	176.	204.	130.	115.	69.	74.	76.
16 52 24	74.	85.	82.	172.	204.	130.	115.	69.	74.	76.
16 52 29	74.	85.	82.	172.	204.	130.	115.	69.	74.	76.
16 52 34	80.	85.	86.	174.	204.	130.	115.	69.	74.	76.
16 52 39	80.	85.	86.	174.	204.	130.	115.	69.	74.	76.
16 52 44	73.	82.	79.	164.	204.	130.	115.	69.	74.	76.

TIME M/H/S	PK TEMP L/HENG COMPT TCLP FWD STAB6L	PK 8 TEMP L/HENG COMPT INBJ FWD STA650	PK 9 TEMP L/HENG COMPT IMBJ FWD STA650	PK 10 TEMP L/HENG COMPT OUTJ FWD SIA050	PK 11 TEMP L/HENG COMPT TOP 3FT STA770	PR 12 TEMP L/HENG COMPT BOT AFT STA770	AF 17 TEMP FUEL OUTLET FUELOIL COOLER L/HENG	PR 16 TEMP MYD CIL INLET UTL PUMP	SP 3 TEMP MY) OIL UT- INLET COOLER	SP 10 TEMP MYD OIL OUTLET UTC COOLER	EL 90 TEMP AMS FIN TIP COMPT	AF 37 TEMP SKIN MASS TAIL L/H STA607	AF 36 TEMP SKIN MASS TAIL R/H STA607
16 57 45	80.	95.	97.	77.	70.	150.	LUM	LUM	LUM	LUM	66.	LUM	LUM
16 57 50	78.	94.	95.	77.	70.	156.	LUM	LUM	LUM	LUM	66.	LUM	LUM
16 57 55	78.	93.	97.	69.	78.	159.	LUM	LUM	LUM	LUM	69.	LUM	LUM
16 58 0	82.	92.	98.	78.	81.	161.	LUM	LUM	LUM	LUM	67.	LUM	LUM
16 58 5	74.	86.	92.	76.	78.	152.	LUM	LUM	LUM	LUM	68.	LUM	LUM
16 58 10	63.	92.	96.	80.	84.	150.	LUM	LUM	LUM	LUM	68.	LUM	LUM
16 58 15	72.	91.	98.	73.	79.	154.	LUM	LUM	LUM	LUM	69.	LUM	LUM
16 58 20	71.	90.	101.	72.	77.	155.	LUM	LUM	LUM	LUM	69.	LUM	LUM
16 58 25	85.	90.	102.	86.	85.	153.	LUM	LUM	LUM	LUM	66.	LUM	LUM
16 58 30	80.	96.	97.	80.	82.	135.	LUM	LUM	LUM	LUM	66.	LUM	LUM
16 58 35	83.	98.	101.	82.	82.	158.	LUM	LUM	LUM	LUM	65.	LUM	LUM
16 58 40	83.	97.	99.	88.	85.	158.	LUM	LUM	LUM	LUM	66.	LUM	LUM
16 58 45	87.	102.	95.	86.	90.	159.	LUM	LUM	LUM	LUM	67.	LUM	LUM
16 58 50	80.	94.	95.	82.	85.	155.	LUM	LUM	LUM	LUM	66.	LUM	LUM
16 58 55	77.	91.	87.	74.	80.	157.	LUM	LUM	LUM	LUM	63.	LUM	LUM
16 59 0	76.	95.	95.	78.	85.	153.	LUM	LUM	LUM	LUM	67.	LUM	LUM
16 59 5	76.	94.	97.	78.	80.	150.	LUM	LUM	LUM	LUM	53.	LUM	LUM
16 59 10	82.	99.	100.	83.	85.	154.	LUM	LUM	LUM	LUM	60.	LUM	LUM
16 59 15	74.	102.	103.	82.	87.	174.	LUM	LUM	LUM	LUM	67.	LUM	LUM
16 59 20	74.	95.	99.	78.	81.	154.	LUM	LUM	LUM	LUM	66.	LUM	LUM
16 59 30	84.	97.	100.	86.	89.	161.	LUM	LUM	LUM	LUM	66.	LUM	LUM
16 59 35	81.	95.	98.	80.	85.	160.	LUM	LUM	LUM	LUM	68.	LUM	LUM
16 59 35	72.	90.	91.	69.	80.	159.	LUM	LUM	LUM	LUM	69.	LUM	LUM
16 59 40	74.	88.	93.	76.	73.	159.	LUM	LUM	LUM	LUM	67.	LUM	LUM
16 59 45	88.	97.	101.	82.	90.	159.	LUM	LUM	LUM	LUM	69.	LUM	LUM
16 59 50	83.	96.	99.	80.	85.	153.	LUM	LUM	LUM	LUM	67.	LUM	LUM
16 59 55	74.	88.	91.	73.	78.	152.	LUM	LUM	LUM	LUM	67.	LUM	LUM
16 59 55	75.	92.	94.	74.	73.	159.	LUM	LUM	LUM	LUM	68.	LUM	LUM
17 0 0	75.	92.	94.	73.	73.	159.	LUM	LUM	LUM	LUM	68.	LUM	LUM
17 45 23	78.	90.	103.	80.	78.	150.	LUM	LUM	LUM	LUM	65.	LUM	LUM
17 45 28	75.	91.	103.	79.	78.	152.	LUM	LUM	LUM	LUM	65.	LUM	LUM
17 45 33	80.	97.	106.	81.	82.	152.	LUM	LUM	LUM	LUM	63.	LUM	LUM
17 45 39	82.	95.	106.	80.	84.	157.	LUM	LUM	LUM	LUM	67.	LUM	LUM
17 45 44	82.	98.	109.	82.	86.	159.	LUM	LUM	LUM	LUM	66.	LUM	LUM
17 45 49	79.	96.	106.	81.	81.	158.	LUM	LUM	LUM	LUM	65.	LUM	LUM
17 45 54	79.	91.	100.	73.	81.	155.	LUM	LUM	LUM	LUM	66.	LUM	LUM
17 45 59	80.	94.	103.	75.	83.	158.	LUM	LUM	LUM	LUM	67.	LUM	LUM
17 46 4	75.	86.	101.	72.	74.	156.	LUM	LUM	LUM	LUM	60.	LUM	LUM
17 46 9	76.	90.	96.	72.	75.	151.	LUM	LUM	LUM	LUM	67.	LUM	LUM
17 46 14	74.	85.	100.	73.	73.	146.	LUM	LUM	LUM	LUM	63.	LUM	LUM
17 46 19	71.	87.	100.	70.	73.	153.	LUM	LUM	LUM	LUM	65.	LUM	LUM
17 46 32	74.	88.	98.	70.	80.	153.	LUM	LUM	LUM	LUM	67.	LUM	LUM
17 46 29	73.	89.	101.	70.	77.	155.	LUM	LUM	LUM	LUM	67.	LUM	LUM
17 46 34	69.	93.	103.	69.	75.	157.	LUM	LUM	LUM	LUM	69.	LUM	LUM
17 46 39	75.	94.	105.	74.	78.	153.	LUM	LUM	LUM	LUM	69.	LUM	LUM
17 47 37	80.	95.	107.	76.	83.	171.	LUM	LUM	LUM	LUM	67.	LUM	LUM
17 47 42	76.	92.	104.	75.	81.	164.	LUM	LUM	LUM	LUM	66.	LUM	LUM
17 47 47	72.	93.	102.	74.	78.	158.	LUM	LUM	LUM	LUM	65.	LUM	LUM
17 47 52	76.	94.	105.	76.	81.	155.	LUM	LUM	LUM	LUM	66.	LUM	LUM
17 47 57	69.	85.	95.	67.	63.	159.	LUM	LUM	LUM	LUM	67.	LUM	LUM

TIME	PR	7	6	3	PR	10	11	PR	12	AF	17	PR	16	3	SP	10	EL	38	AF	37	AF	33
M/D/S	TEMP	TEMP	TEMP	TEMP	TEMP	TEMP	TEMP	TEMP	TEMP	TEMP	TEMP	TEMP	TEMP	TEMP	TEMP	TEMP	TEMP	TEMP	TEMP	TEMP	TEMP	
	L/HNG	L/HNG	L/HNG	L/HNG	L/HNG	L/HNG	L/HNG	L/HNG	L/HNG	L/HNG	L/HNG	L/HNG	L/HNG	L/HNG	L/HNG	L/HNG	L/HNG	L/HNG	L/HNG	L/HNG	L/HNG	
	COMP	COMP	COMP	COMP	COMP	COMP	COMP	COMP	COMP	COMP	COMP	COMP	COMP	COMP	COMP	COMP	COMP	COMP	COMP	COMP	COMP	
	TCP	TCP	TCP	TCP	TCP	TCP	TCP	TCP	TCP	TCP	TCP	TCP	TCP	TCP	TCP	TCP	TCP	TCP	TCP	TCP	TCP	
	FWD	FWD	FWD	FWD	FWD	FWD	FWD	FWD	FWD	FWD	FWD	FWD	FWD	FWD	FWD	FWD	FWD	FWD	FWD	FWD	FWD	
	STA650	STA650	STA650	STA650	STA650	STA650	STA650	STA650	STA650	STA650	STA650	STA650	STA650	STA650	STA650	STA650	STA650	STA650	STA650	STA650	STA650	
17 58 33	76.	92.	102.	75.	77.	155.	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	65.	LUM	LUM	LUM	LUM	
17 58 30	84.	130.	109.	82.	74.	174.	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	67.	LUM	LUM	LUM	LUM	
17 58 43	83.	97.	107.	79.	83.	171.	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	68.	LUM	LUM	LUM	LUM	
17 58 48	81.	96.	106.	81.	81.	155.	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	69.	LUM	LUM	LUM	LUM	
17 58 53	73.	83.	100.	78.	83.	153.	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	66.	LUM	LUM	LUM	LUM	
17 59 3	72.	89.	101.	77.	77.	152.	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	65.	LUM	LUM	LUM	LUM	
17 59 8	73.	85.	95.	71.	75.	158.	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	66.	LUM	LUM	LUM	LUM	
17 59 13	74.	88.	99.	72.	77.	158.	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	66.	LUM	LUM	LUM	LUM	
17 59 18	74.	97.	106.	79.	84.	155.	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	67.	LUM	LUM	LUM	LUM	
17 59 23	76.	93.	105.	75.	81.	155.	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	67.	LUM	LUM	LUM	LUM	
17 59 28	69.	91.	99.	70.	76.	152.	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	66.	LUM	LUM	LUM	LUM	
17 59 33	73.	90.	98.	70.	75.	158.	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	66.	LUM	LUM	LUM	LUM	
17 59 38	75.	93.	103.	77.	79.	150.	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	66.	LUM	LUM	LUM	LUM	
18 0 39	91.	96.	116.	81.	84.	149.	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	64.	LUM	LUM	LUM	LUM	
18 0 44	111.	101.	130.	85.	89.	139.	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	65.	LUM	LUM	LUM	LUM	
18 0 49	111.	94.	131.	85.	87.	138.	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	65.	LUM	LUM	LUM	LUM	
18 0 54	112.	104.																				

TIME M/M/S	PR 7 TEMP L/HENG COMPT TOP FWD STA651	PR 8 TEMP L/HENG COMPT BOT FWD STA650	PR 9 TEMP L/HENG COMPT INBD FWD STA650	PR 10 TEMP L/HENG COMPT OUTBD FWD STA650	PR 11 TEMP L/HENG COMPT TOP AFT STA770	PR 12 TEMP L/HENG COMPT BOT AFT STA770	PR 17 TEMP FUEL OUTLET FUELOL COOLER L/HENG	PR 18 TEMP HYD OIL INLET UTL PUMP	SP 9 TEMP HYD OIL UTL INLET COOLER	SP 10 TEMP HYD OIL OUTLET UTC COOLER	LC 98 TEMP AMB FIN TIP COMPT	AF 37 TEMP SKIN MASS TAIL L/H STA687	AF 38 TEMP SKIN MASS TAIL K/H STA687
18 22 5	141.	113.	145.	128.	156.	53.	180.	161.	32.	92.	69.	76.	76.
18 22 10	139.	113.	145.	127.	159.	89.	154.	164.	92.	92.	69.	77.	77.
18 22 15	142.	115.	146.	126.	158.	86.	160.	167.	93.	91.	66.	76.	75.
18 22 20	142.	116.	146.	126.	159.	98.	160.	167.	90.	91.	67.	77.	76.
18 22 25	141.	114.	143.	127.	160.	88.	163.	161.	98.	91.	69.	76.	77.
18 22 30	141.	114.	144.	127.	160.	87.	161.	164.	92.	92.	70.	77.	77.
18 22 35	139.	113.	145.	126.	159.	88.	152.	167.	91.	92.	69.	77.	76.
18 22 40	140.	109.	145.	126.	159.	87.	156.	167.	92.	93.	72.	78.	74.
18 22 45	141.	114.	145.	128.	160.	88.	160.	167.	92.	93.	72.	77.	75.
18 22 50	140.	115.	145.	126.	160.	90.	160.	169.	91.	93.	71.	77.	78.
18 22 55	141.	114.	149.	128.	160.	89.	159.	169.	91.	93.	70.	76.	76.
18 23 0	142.	115.	146.	128.	160.	59.	159.	160.	92.	93.	70.	76.	76.

C COMMUTATOR

TIME H/M/S	PR 30 TEMP SURFAL FNO PART MOVBLE SPIKE	PR 19 AIR BLEED STARTER L/MENG	AF 31 TEMP SKIN MASS WING UPR L/HOUT	AF 32 TEMP SKIN MASS WING UPR L/MIN	AF 33 TEMP SKIN MASS WING UPR L/HOUT	AF 34 TEMP SKIN MASS WING UPR L/HOUT	PR 4 PRESS ENGINE RATIO L/M	SP 16 VOLTS DC BUSS	AF 3 FUEL L/MENG	PR 1 RPM N1 TACH GER L/MENG	PR 2 RPM N2 TACH GER L/MENG	CS 5 ATTU PITCH	CS 6 ATTU ROLL
16 13 3	LOM	-0.293	LOM	LOM	LOM	LOM	2.993	28.98	77943.	0.	157.	106.	-12.
16 13 8	LOM	-0.147	LOM	LOM	LOM	LOM	2.990	29.49	77943.	39.	171.	-9.	-7.
16 14 13	LOM	.489	LOM	LOM	LOM	LOM	2.989	29.19	78379.	97.	-14.	1.	-1.
16 14 31	LOM	.611	LOM	LOM	LOM	LOM	2.988	29.33	78379.	49.	43.	2.	-2.
16 15 13	LOM	.293	LOM	LOM	LOM	LOM	2.978	30.81	78208.	146.	43.	2.	-1.
16 15 28	LOM	.244	LOM	LOM	LOM	LOM	2.983	30.32	78317.	92.	71.	2.	-1.
16 16 33	LOM	.782	LOM	LOM	LOM	LOM	2.982	30.86	78317.	0.	71.	1.	-0.
16 16 38	LOM	.855	LOM	LOM	LOM	LOM	2.985	29.81	78317.	29.	86.	1.	-0.
16 16 43	LOM	.122	LOM	LOM	LOM	LOM	2.996	29.89	78208.	68.	71.	2.	-1.
16 16 48	LOM	.073	LOM	LOM	LOM	LOM	2.992	29.11	78208.	49.	78.	1.	-0.
16 16 53	LOM	.073	LOM	LOM	LOM	LOM	2.982	29.03	77881.	39.	71.	1.	-1.
16 16 58	LOM	.124	LOM	LOM	LOM	LOM	2.979	28.95	77306.	63.	86.	2.	-0.
16 20 4	LOM	.513	LOM	LOM	LOM	LOM	2.985	30.46	78317.	14.	114.	1.	2.
16 20 9	LOM	.147	LOM	LOM	LOM	LOM	2.989	26.61	78354.	34.	139.	1.	1.
16 21 26	LOM	.698	LOM	LOM	LOM	LOM	2.981	27.61	78130.	68.	14.	1.	-4.
16 21 31	LOM	.006	LOM	LOM	LOM	LOM	2.996	28.23	7824.	84.	78.	1.	-2.
16 21 36	LOM	.024	LOM	LOM	LOM	LOM	2.983	28.28	78467.	49.	114.	1.	-6.
16 21 41	LOM	.049	LOM	LOM	LOM	LOM	2.993	27.04	77306.	49.	100.	1.	-1.
16 21 46	LOM	.342	LOM	LOM	LOM	LOM	2.983	27.98	78317.	39.	128.	2.	-2.
16 21 51	LOM	.049	LOM	LOM	LOM	LOM	2.994	27.96	77306.	78.	86.	2.	-2.
16 21 56	LOM	.024	LOM	LOM	LOM	LOM	2.982	28.82	78130.	88.	64.	2.	-2.
16 22 1	LOM	.073	LOM	LOM	LOM	LOM	2.982	28.12	77306.	29.	101.	2.	-1.
16 22 6	LOM	.024	LOM	LOM	LOM	LOM	2.982	27.85	78317.	83.	114.	2.	-1.
16 22 11	LOM	.049	LOM	LOM	LOM	LOM	2.977	27.65	77755.	39.	157.	2.	-3.
16 22 16	LOM	.049	LOM	LOM	LOM	LOM	2.981	27.72	77755.	187.	100.	2.	-2.
16 22 21	LOM	.049	LOM	LOM	LOM	LOM	2.981	27.72	77755.	112.	57.	1.	-2.
16 22 26	LOM	.049	LOM	LOM	LOM	LOM	2.981	27.72	77755.	-10.	43.	1.	-3.
16 22 31	LOM	.049	LOM	LOM	LOM	LOM	2.981	27.72	77755.	18.	50.	1.	-1.
16 22 36	LOM	.049	LOM	LOM	LOM	LOM	2.981	27.72	77755.	18.	50.	1.	-2.
16 22 41	LOM	.049	LOM	LOM	LOM	LOM	2.981	27.72	77755.	18.	50.	1.	-2.
16 22 46	LOM	.049	LOM	LOM	LOM	LOM	2.981	27.72	77755.	18.	50.	1.	-2.
16 22 51	LOM	.049	LOM	LOM	LOM	LOM	2.981	27.72	77755.	18.	50.	1.	-2.
16 22 56	LOM	.049	LOM	LOM	LOM	LOM	2.981	27.72	77755.	18.	50.	1.	-2.
16 23 1	LOM	.049	LOM	LOM	LOM	LOM	2.981	27.72	77755.	18.	50.	1.	-2.
16 23 6	LOM	.049	LOM	LOM	LOM	LOM	2.981	27.72	77755.	18.	50.	1.	-2.
16 23 11	LOM	.049	LOM	LOM	LOM	LOM	2.981	27.72	77755.	18.	50.	1.	-2.
16 23 16	LOM	.049	LOM	LOM	LOM	LOM	2.981	27.72	77755.	18.	50.	1.	-2.
16 23 21	LOM	.049	LOM	LOM	LOM	LOM	2.981	27.72	77755.	18.	50.	1.	-2.
16 23 26	LOM	.049	LOM	LOM	LOM	LOM	2.981	27.72	77755.	18.	50.	1.	-2.
16 23 31	LOM	.049	LOM	LOM	LOM	LOM	2.981	27.72	77755.	18.	50.	1.	-2.
16 23 36	LOM	.049	LOM	LOM	LOM	LOM	2.981	27.72	77755.	18.	50.	1.	-2.
16 23 41	LOM	.049	LOM	LOM	LOM	LOM	2.981	27.72	77755.	18.	50.	1.	-2.
16 23 46	LOM	.049	LOM	LOM	LOM	LOM	2.981	27.72	77755.	18.	50.	1.	-2.
16 23 51	LOM	.049	LOM	LOM	LOM	LOM	2.981	27.72	77755.	18.	50.	1.	-2.
16 23 56	LOM	.049	LOM	LOM	LOM	LOM	2.981	27.72	77755.	18.	50.	1.	-2.
16 24 1	LOM	.049	LOM	LOM	LOM	LOM	2.981	27.72	77755.	18.	50.	1.	-2.
16 24 6	LOM	.049	LOM	LOM	LOM	LOM	2.981	27.72	77755.	18.	50.	1.	-2.
16 24 11	LOM	.049	LOM	LOM	LOM	LOM	2.981	27.72	77755.	18.	50.	1.	-2.
16 24 16	LOM	.049	LOM	LOM	LOM	LOM	2.981	27.72	77755.	18.	50.	1.	-2.
16 24 21	LOM	.049	LOM	LOM	LOM	LOM	2.981	27.72	77755.	18.	50.	1.	-2.
16 24 26	LOM	.049	LOM	LOM	LOM	LOM	2.981	27.72	77755.	18.	50.	1.	-2.
16 24 31	LOM	.049	LOM	LOM	LOM	LOM	2.981	27.72	77755.	18.	50.	1.	-2.
16 24 36	LOM	.049	LOM	LOM	LOM	LOM	2.981	27.72	77755.	18.	50.	1.	-2.
16 24 41	LOM	.049	LOM	LOM	LOM	LOM	2.981	27.72	77755.	18.	50.	1.	-2.
16 24 46	LOM	.049	LOM	LOM	LOM	LOM	2.981	27.72	77755.	18.	50.	1.	-2.
16 24 51	LOM	.049	LOM	LOM	LOM	LOM	2.981	27.72	77755.	18.	50.	1.	-2.
16 24 56	LOM	.049	LOM	LOM	LOM	LOM	2.981	27.72	77755.	18.	50.	1.	-2.
16 25 1	LOM	.049	LOM	LOM	LOM	LOM	2.981	27.72	77755.	18.	50.	1.	-2.
16 25 6	LOM	.049	LOM	LOM	LOM	LOM	2.981	27.72	77755.	18.	50.	1.	-2.
16 25 11	LOM	.049	LOM	LOM	LOM	LOM	2.981	27.72	77755.	18.	50.	1.	-2.
16 25 16	LOM	.049	LOM	LOM	LOM	LOM	2.981	27.72	77755.	18.	50.	1.	-2.
16 25 21	LOM	.049	LOM	LOM	LOM	LOM	2.981	27.72	77755.	18.	50.	1.	-2.
16 25 26	LOM	.049	LOM	LOM	LOM	LOM	2.981	27.72	77755.	18.	50.	1.	-2.
16 25 31	LOM	.049	LOM	LOM	LOM	LOM	2.981	27.72	77755.	18.	50.	1.	-2.
16 25 36	LOM	.049	LOM	LOM	LOM	LOM	2.981	27.72	77755.	18.	50.	1.	-2.
16 25 41	LOM	.049	LOM	LOM	LOM	LOM	2.981	27.72	77755.	18.	50.	1.	-2.
16 25 46	LOM	.049	LOM	LOM	LOM	LOM	2.981	27.72	77755.	18.	50.	1.	-2.
16 25 51	LOM	.049	LOM	LOM	LOM	LOM	2.981	27.72	77755.	18.	50.	1.	-2.
16 25 56	LOM	.049	LOM	LOM	LOM	LOM	2.981	27.72	77755.	18.	50.	1.	-2.
16 26 1	LOM	.049	LOM	LOM	LOM	LOM	2.981	27.72	77755.	18.	50.	1.	-2.
16 26 6	LOM	.049	LOM	LOM	LOM	LOM	2.981	27.72	77755.	18.	50.	1.	-2.
16 26 11	LOM	.049	LOM	LOM	LOM	LOM	2.981	27.72	77755.	18.	50.	1.	-2.
16 26 16	LOM	.049	LOM	LOM	LOM	LOM	2.981	27.72	77755.	18.	50.	1.	-2.
16 26 21	LOM	.049	LOM	LOM	LOM	LOM	2.981	27.72	77755.	18.	50.	1.	-2.
16 26 26	LOM	.049	LOM	LOM	LOM	LOM	2.981	27.72	77755.	18.	50.	1.	-2.
16 26 31	LOM	.049	LOM	LOM	LOM	LOM	2.981	27.72	77755.	18.	50.	1.	-2.
16 26 36	LOM	.049	LOM	LOM	LOM	LOM	2.981	27.72	77755.	18.	50.	1.	-2.
16 26 41	LOM	.049	LOM	LOM	LOM	LOM	2.981	27.72	77755.	18.	50.	1.	-2.
16 26 46	LOM	.049	LOM	LOM	LOM	LOM	2.981	27.72	77755.	18.	50.	1.	-2.
16 26 51	LOM	.049	LOM	LOM	LOM	LOM	2.981	27.72	77755.	18.	50.	1.	-2.
16 26 56	LOM	.049	LOM	LOM	LOM	LOM	2.981	27.72	77755.	18.	50.	1.	-2.
16 27 1	LOM	.049	LOM	LOM	LOM	LOM	2.981	27.72	77755.	18.	50.	1.	-2.
16 27 6	LOM	.049	LOM	LOM	LOM	LOM	2.981	27.72	77755.	18.	50.	1.	-2.
16 27 11	LOM	.049	LOM	LOM	LOM	LOM	2.981	27.72	77755.	18.	50.	1.	-2.
16 27 16	LOM	.049	LOM	LOM	LOM	LOM	2.981	27.72	77755.	18.	50.	1.	-2.
16 27 21	LOM	.049	LOM	LOM	LOM	LOM	2.981	27.72	77755.	18.	50.	1.	-2.
16 27 26	LOM	.049	LOM	LOM	LOM	LOM	2.981	27.72	77755.	18.	50.	1.	-2.
16 27 31	LOM	.049	LOM	LOM	LOM	LOM	2.981	27.72	77755.	18.	50.	1.	-2.
16 27 36	LOM	.049	LOM	LOM	LOM	LOM	2.981	27.72	77755.	18.	50.	1.	-2.
16 27 41	LOM	.049	LOM	LOM	LOM	LOM	2.981	27.72	77755.	18.	50.	1.	-2.
16 27 46	LOM	.049	LOM	LOM	LOM	LOM	2.981	27.72	77755.	18.	50.	1.	-2.
16 27 51	LOM	.049	LOM	LOM	LOM	LOM	2.981	27.72	77755.	18.	50.	1.	-2.
16 27 56	LOM	.049	LOM	LOM	LOM	LOM	2.981	27.72	77755.	18.	50.	1.	-2.
16 28 1	LOM	.049	LOM	LOM	LOM	LOM	2.981	27.72	77755.	18.	50.	1.	-2.
16 28 6	LOM	.049	LOM	LOM	LOM	LOM	2.981	27.72	77755.	18.	50.	1.	-2.
16 28 11	LOM	.049	LOM	LOM	LOM	LOM	2.981	27.72	77755.	18.	50.	1.	-2.
16 28 16	LOM	.049	LOM	LOM	LOM	LOM	2.981	27.72	77755.	18.	50.	1.	-2.
16 28 21	LOM	.049	LOM	LOM	LOM	LOM	2.981	27.72	77755.	18.	50.	1.	-2.
16 28 26	LOM	.049	LOM	LOM	LOM	LOM	2.981	27.72	77755.	18.	50.	1.	-2.
16 28 31	LOM	.049	LOM	LOM	LOM	LOM	2.981	27.72	77755.	18.	50.	1.	-2.
16 28 36	LOM	.049	LOM	LOM	LOM	LOM	2.981	27.72	77755.	18.	50.	1.	-2.
16 28 41	LOM	.049											

TIME M/N/S	PR 20 TEMP SURFAC FMC PART MOVABLE SPIKE	PR 19 AIR BLEED STARTK L/MENG	AF 31 TEMP SKIN MASS WING UPR L/MIN	AF 32 TEMP SKIN MASS WING UPR L/MIN	AF 33 TEMP SKIN MASS WING JPR R/HOUT	AF 34 TEMP SKIN MASS	PR 4 PRESS ENGINE RATIO L/M	SP 16 VOLTS OC BUSS	AF 5 FUEL L/MENG	PR 1 RPM N1 TACH GER L/MENG	PR 2 RPM N2 TACH GER L/MENG	CS 5 ATTU PITCH	CS 6 ATTU ROLL
16 38 34	LOH	.122	LOH	LOH	LOH	LOH	2.967	27.60	78317.	34.	93.	1.	6.
16 38 39	LOH	.391	LOH	LOH	LOH	LOH	2.982	28.92	78285.	78.	114.	3.	-2.
16 38 44	LOH	13.563	LOH	LOH	LOH	LOH	2.363	28.66	78130.	78.	192.	3.	-1.
16 38 49	LOH	26.735	LOH	LOH	LOH	LOH	2.974	28.12	78280.	68.	2024.	2.	-1.
16 38 54	LOH	26.862	LOH	LOH	LOH	LOH	2.977	27.80	78429.	268.	2217.	2.	-0.
16 38 59	LOH	27.370	LOH	LOH	LOH	LOH	2.964	28.12	78579.	574.	2723.	2.	-0.
16 39 4	LOH	27.468	LOH	LOH	LOH	LOH	2.373	28.23	78016.	827.	3051.	2.	0.
16 39 9	LOH	26.931	LOH	LOH	LOH	LOH	2.971	27.96	78470.	1673.	4730.	1.	-0.
16 39 14	LOH	23.394	LOH	LOH	LOH	LOH	2.957	28.23	78953.	1995.	5374.	2.	-1.
16 39 19	LOH	-.196	LOH	LOH	LOH	LOH	2.936	27.90	78252.	2763.	7926.	1.	1.
16 39 24	LOH	.367	LOH	LOH	LOH	LOH	2.324	28.04	78252.	3376.	8603.	1.	1.
16 39 29	LOH	.244	LOH	LOH	LOH	LOH	2.913	27.96	78182.	3911.	9565.	2.	-0.
16 39 34	LOH	.190	LOH	LOH	LOH	LOH	2.902	28.06	78140.	3926.	9722.	2.	1.
16 39 39	LOH	.831	LOH	LOH	LOH	LOH	2.899	28.12	78177.	3950.	9722.	2.	-0.
16 39 44	LOH	.415	LOH	LOH	LOH	LOH	2.852	28.47	78726.	3948.	9693.	2.	1.
16 39 49	LOH	8.006	LOH	LOH	LOH	LOH	2.999	27.96	78177.	3989.	9051.	2.	1.
16 39 54	LOH	-.244	LOH	LOH	LOH	LOH	2.855	28.28	78303.	3935.	9743.	2.	-0.
16 40 4	LOH	.391	LOH	LOH	LOH	LOH	2.897	28.60	78081.	4028.	9793.	2.	2.
16 40 9	LOH	.318	LOH	LOH	LOH	LOH	2.893	28.58	78317.	4028.	9772.	2.	1.
16 40 14	LOH	.147	LOH	LOH	LOH	LOH	2.899	28.06	79776.	3966.	9093.	1.	-1.
16 40 19	LOH	.898	LOH	LOH	LOH	LOH	2.856	27.98	79781.	3926.	9300.	1.	-0.
16 40 24	LOH	.849	LOH	LOH	LOH	LOH	2.878	28.06	78177.	3950.	9708.	1.	-5.
16 40 29	LOH	.171	LOH	LOH	LOH	LOH	2.886	27.96	79065.	3931.	9765.	2.	-7.
16 40 34	LOH	.733	LOH	LOH	LOH	LOH	2.891	27.30	79182.	4018.	9708.	2.	-1.
16 40 39	LOH	.611	LOH	LOH	LOH	LOH	2.895	28.41	78353.	3965.	9729.	2.	-1.
16 40 44	LOH	-.049	LOH	LOH	LOH	LOH	1.561	28.28	4443.	5827.	14226.	3.	-0.
16 40 49	LOH	.122	LOH	LOH	LOH	LOH	1.555	28.17	4448.	5870.	14383.	3.	-0.
16 40 54	LOH	.342	LOH	LOH	LOH	LOH	1.512	27.96	4448.	9836.	14226.	1.	-6.
16 40 59	LOH	.440	LOH	LOH	LOH	LOH	1.575	28.12	4527.	9836.	14226.	2.	-2.
16 41 4	LOH	.342	LOH	LOH	LOH	LOH	1.517	28.06	4448.	5895.	14226.	3.	2.
16 41 9	LOH	.318	LOH	LOH	LOH	LOH	1.523	28.23	4448.	9984.	14440.	3.	1.
16 41 14	LOH	.587	LOH	LOH	LOH	LOH	1.567	28.17	3913.	9827.	14554.	1.	1.
16 41 19	LOH	.587	LOH	LOH	LOH	LOH	1.561	28.23	3932.	9875.	14497.	2.	-4.
16 41 24	LOH	.297	LOH	LOH	LOH	LOH	1.891	28.01	3995.	5583.	14284.	2.	-4.
16 41 29	LOH	1.564	LOH	LOH	LOH	LOH	1.821	27.66	3958.	5318.	14041.	2.	-6.
16 41 34	LOH	.244	LOH	LOH	LOH	LOH	2.005	27.90	1191.	6445.	13144.	4.	-10.
16 41 39	LOH	.440	LOH	LOH	LOH	LOH	2.175	27.90	1271.	8177.	13357.	3.	-10.
16 41 44	LOH	.293	LOH	LOH	LOH	LOH	2.408	27.96	374.	7394.	12644.	3.	-5.
16 41 49	LOH	.415	LOH	LOH	LOH	LOH	2.492	27.88	374.	7170.	14051.	3.	-5.
16 41 54	LOH	-.147	LOH	LOH	LOH	LOH	2.577	28.12	73.	6791.	13302.	4.	-7.
16 42 4	LOH	.898	LOH	LOH	LOH	LOH	2.500	27.88	397.	6742.	13352.	3.	-7.
16 42 9	LOH	.196	LOH	LOH	LOH	LOH	2.630	28.17	3.	6694.	12274.	2.	-7.
16 42 14	LOH	.209	LOH	LOH	LOH	LOH	2.624	28.12	40.	6728.	12274.	1.	-0.
16 42 19	LOH	.536	LOH	LOH	LOH	LOH	2.011	27.90	159.	6674.	12310.	3.	-6.
16 42 24	LOH	.244	LOH	LOH	LOH	LOH	2.610	27.93	159.	6723.	12310.	3.	-6.
16 42 29	LOH	.391	LOH	LOH	LOH	LOH	2.016	27.90	79.	6762.	12310.	3.	-8.
16 42 34	LOH	.147	LOH	LOH	LOH	LOH	2.016	28.04	79.	6733.	12310.	3.	-6.
16 42 39	LOH	-.440	LOH	LOH	LOH	LOH	2.030	28.06	310.	6674.	12288.	3.	-5.
16 42 44	LOH	.049	LOH	LOH	LOH	LOH	2.016	28.41	77.	6706.	12331.	3.	-7.

TIME H/M/S	PR 30 TEMP SURFAC FWD PART MCUBLE SFIRE	PR 19 AIR BLEED START L/HENG	AF 31 TEMP SKIN MASS WING JPR L/HOUT	AF 32 TEMP SKIN MASS WING UPR L/HIN	AF 33 TEMP SKIN MASS WING JPR L/HOUT	AF 34 TEMP SKIN MASS	FR 4 PRESS ENGINE TACH L/H	SP 16 VOLTS DC BUSS	AF 5 FLUM FUEL L/HENG	PR 1 RPM N1 TACH GER L/HENG	PR 2 RPM N2 TACH GER L/HENG	CS 5 ATTD PITCH	CS 6 ATTD ROLL
15													
16 48 34	74.	-049	75.	74.	71.	73.	2.618	27.96	715.	6722.	12316.	2.	-7.
16 48 39	73.	-024	77.	73.	71.	73.	2.529	27.96	397.	6626.	12208.	2.	-6.
16 48 44	71.	-080	70.	73.	69.	71.	2.630	27.53	715.	6694.	12316.	2.	-7.
16 48 49	65.	-756	72.	74.	70.	59.	2.615	27.66	40357.	6702.	12331.	4.	-7.
16 48 54	71.	-391	73.	73.	71.	73.	2.640	27.90	32.	6655.	12316.	2.	-7.
16 48 59	73.	-220	74.	74.	72.	73.	2.634	24.01	37.	6689.	12274.	3.	-7.
16 49 4	63.	-587	74.	70.	70.	71.	2.634	27.58	556.	6674.	12373.	1.	-6.
16 49 9	67.	-415	75.	71.	70.	71.	2.627	27.90	43203.	6655.	12231.	2.	-6.
16 49 14	65.	-098	76.	73.	62.	72.	2.621	20.06	79.	6655.	12231.	4.	-6.
16 49 19	69.	-049	74.	73.	62.	72.	2.529	27.90	40.	6630.	12245.	3.	-6.
16 49 24	72.	-196	74.	73.	63.	71.	2.630	28.33	397.	6604.	12345.	3.	-6.
16 49 29	72.	-489	74.	73.	70.	72.	2.626	28.15	350.	6605.	12352.	2.	-6.
16 49 34	71.	-147	76.	72.	71.	73.	2.630	27.85	715.	6723.	12410.	3.	-6.
16 49 39	65.	-269	75.	72.	70.	73.	2.521	27.96	79.	6604.	12245.	2.	-8.
16 49 44	71.	-090	75.	75.	73.	73.	2.611	28.09	1033.	6645.	12402.	3.	-6.
16 49 49	72.	-122	76.	73.	71.	72.	2.615	27.80	715.	6694.	12402.	2.	-7.
16 50 4	72.	-342	76.	73.	71.	72.	2.619	27.98	79551.	6664.	12217.	3.	-6.
16 50 9	62.	-342	78.	74.	71.	74.	2.640	28.26	79770.	6757.	12281.	3.	-6.
16 50 14	67.	-220	76.	74.	71.	74.	2.634	28.06	874.	6713.	12459.	2.	-8.
16 50 19	73.	-147	73.	71.	69.	70.	2.621	28.49	397.	6689.	12389.	2.	-8.
16 50 24	72.	-342	74.	70.	70.	72.	2.621	28.20	48086.	6616.	12316.	3.	-4.
16 50 29	71.	-000	74.	72.	72.	71.	2.627	27.69	79.	6665.	12252.	2.	-5.
16 50 34	65.	-489	75.	72.	72.	73.	2.623	27.72	40140.	6723.	12358.	2.	-8.
16 50 39	69.	-269	74.	71.	69.	71.	2.627	28.44	79550.	6723.	12373.	3.	-7.
16 50 44	69.	-244	75.	72.	69.	72.	2.627	27.96	40344.	6702.	12386.	3.	-7.
16 50 49	65.	-562	73.	72.	70.	72.	2.616	27.77	159.	6634.	12259.	3.	-6.
16 50 54	71.	-293	74.	72.	71.	72.	2.640	27.10	556.	6654.	12331.	3.	-7.
16 51 0	71.	-049	74.	72.	71.	72.	2.615	27.45	40.	6694.	12267.	3.	-7.
16 51 13	71.	-049	72.	72.	69.	71.	2.640	28.12	40.	6654.	12359.	1.	-8.
16 51 18	70.	-244	73.	72.	69.	71.	2.620	28.04	635.	6674.	12287.	2.	-8.
16 51 23	72.	-584	70.	74.	71.	71.	2.624	27.96	075.	6674.	12402.	2.	-9.
16 51 28	74.	-709	75.	72.	68.	59.	2.630	28.01	477.	6640.	12352.	3.	-6.
16 51 33	72.	-196	77.	73.	72.	74.	2.618	28.01	79525.	6742.	12373.	3.	-6.
16 51 38	LCM	-196	77.	73.	72.	74.	2.618	28.01	40344.	6742.	12373.	3.	-7.
16 51 43	LCM	-196	77.	73.	72.	74.	2.618	28.01	40344.	6742.	12373.	3.	-7.
16 51 48	LCM	-196	77.	73.	72.	74.	2.618	28.01	40344.	6742.	12373.	3.	-7.
16 51 53	LCM	-196	77.	73.	72.	74.	2.618	28.01	40344.	6742.	12373.	3.	-7.
16 51 58	LCM	-196	77.	73.	72.	74.	2.618	28.01	40344.	6742.	12373.	3.	-7.
16 52 0	LCM	-196	77.	73.	72.	74.	2.618	28.01	40344.	6742.	12373.	3.	-7.
16 52 5	LCM	-196	77.	73.	72.	74.	2.618	28.01	40344.	6742.	12373.	3.	-7.
16 52 10	LCM	-196	77.	73.	72.	74.	2.618	28.01	40344.	6742.	12373.	3.	-7.
16 52 15	LCM	-196	77.	73.	72.	74.	2.618	28.01	40344.	6742.	12373.	3.	-7.
16 52 20	LCM	-196	77.	73.	72.	74.	2.618	28.01	40344.	6742.	12373.	3.	-7.
16 52 25	LCM	-196	77.	73.	72.	74.	2.618	28.01	40344.	6742.	12373.	3.	-7.
16 52 30	LCM	-196	77.	73.	72.	74.	2.618	28.01	40344.	6742.	12373.	3.	-7.
16 52 35	LCM	-196	77.	73.	72.	74.	2.618	28.01	40344.	6742.	12373.	3.	-7.
16 52 40	LCM	-196	77.	73.	72.	74.	2.618	28.01	40344.	6742.	12373.	3.	-7.

TIME H/M/S	PR 30 TEMP SURFAC FAD PART MCVBLE SPIKE	PR 19 AIR BLEED STARTR L/HENG	AF 31 TEMP SKIN MASS WING UPR L/HOUT	AF 32 TEMP SKIN MASS WING UPR L/MIN	IF 33 TEMP SKIN MASS WING UPR R/HOUT	AF 34 TEMP SKIN MASS	PR 4 PRESS KATIO L/M	SP 16 VOLTS UC BUSS	AF 5 FLUM FUEL L/HENG	PR 1 RPM N1 TACH GER L/HENG	PK 2 RPM N2 TACH GER L/HENG	CS 5 ATTU PITCH	CS 6 ATTU ROLL
16 52 45	LUM	-0.318	LUM	LUM	LUM	LUM	2.610	28.31	+77.	6788.	1239.	2.	-6.
16 52 45	LUM	.538	LUM	LUM	LUM	LUM	2.621	27.53	153.	6723.	1241.	1.	-6.
16 52 50	LUM	.073	LUM	LUM	LUM	LUM	2.626	27.82	516.	6723.	1238.	2.	-6.
16 52 55	LUM	0.000	LUM	LUM	LUM	LUM	2.640	27.63	737.01.	6694.	12359.	3.	-8.
16 53 0	LUM	.367	LUM	LUM	LUM	LUM	2.634	28.01	400.03.	6723.	1234.	2.	-5.
16 53 13	LUM	-0.049	LUM	LUM	LUM	LUM	2.624	28.33	318.	6635.	1230.	2.	-6.
16 53 10	LUM	.049	LUM	LUM	LUM	LUM	2.626	28.15	40.003.	6674.	1232.	3.	-6.
16 53 16	LUM	.489	LUM	LUM	LUM	LUM	2.640	27.63	397.	6645.	1231.	2.	-7.
16 53 21	LUM	.587	LUM	LUM	LUM	LUM	2.640	27.77	400.00.	6645.	1231.	2.	-6.
16 53 26	LUM	0.000	LUM	LUM	LUM	LUM	2.630	27.74	73.	6665.	1238.	2.	-6.
16 53 31	LUM	-0.024	LUM	LUM	LUM	LUM	2.634	28.04	393.28.	6669.	1239.	2.	-7.
16 53 36	LUM	-0.244	LUM	LUM	LUM	LUM	2.615	27.85	797.7.	6742.	12302.	3.	-6.
16 53 41	LUM	.244	LUM	LUM	LUM	LUM	2.626	27.82	400.47.	6742.	12302.	3.	-6.
16 53 46	LUM	1.222	LUM	LUM	LUM	LUM	2.638	27.47	797.01.	6635.	1231.	2.	-6.
16 53 51	LUM	.562	LUM	LUM	LUM	LUM	2.630	27.50	349.70.	6665.	12202.	2.	-6.
16 53 56	LUM	-0.733	LUM	LUM	LUM	LUM	2.637	28.23	734.25.	6684.	12382.	2.	-8.
16 54 1	LUM	-0.342	LUM	LUM	LUM	LUM	2.629	28.09	343.63.	6694.	12281.	2.	-8.
16 54 6	LUM	0.000	LUM	LUM	LUM	LUM	2.624	28.06	793.50.	6655.	12445.	2.	-7.
16 54 11	LUM	.244	LUM	LUM	LUM	LUM	2.621	28.12	400.03.	6685.	12438.	2.	-8.
16 54 16	LUM	-0.342	LUM	LUM	LUM	LUM	2.627	27.36	793.50.	6567.	12288.	2.	-8.
16 54 21	LUM	-0.342	LUM	LUM	LUM	LUM	2.621	27.96	793.50.	6611.	12288.	2.	-7.
16 54 26	LUM	.247	LUM	LUM	LUM	LUM	2.628	28.20	000.00.	6752.	12359.	2.	-6.
16 54 31	LUM	.660	LUM	LUM	LUM	LUM	2.624	28.31	300.80.	6723.	1231.	3.	-6.
16 54 36	LUM	.782	LUM	LUM	LUM	LUM	2.611	28.12	793.25.	6655.	12345.	2.	-6.
16 54 41	LUM	.684	LUM	LUM	LUM	LUM	2.694	27.90	796.63.	6232.	11996.	2.	-5.
16 54 46	LUM	.782	LUM	LUM	LUM	LUM	2.616	27.58	795.51.	5098.	11148.	1.	-5.
16 54 51	LUM	.835	LUM	LUM	LUM	LUM	2.634	27.74	790.65.	4928.	11962.	2.	-9.
16 54 56	LUM	.440	LUM	LUM	LUM	LUM	2.675	27.86	795.51.	4211.	9953.	3.	-6.
16 55 1	LUM	.415	LUM	LUM	LUM	LUM	2.675	27.55	735.14.	4896.	9758.	3.	-5.
16 55 6	LUM	.538	LUM	LUM	LUM	LUM	2.684	28.06	791.77.	4618.	9751.	1.	-7.
16 55 9	LUM	.220	LUM	LUM	LUM	LUM	2.665	27.98	732.99.	4804.	9733.	1.	-7.
16 55 19	LUM	.782	LUM	LUM	LUM	LUM	2.688	28.01	734.02.	3988.	9679.	2.	-7.
16 56 24	LUM	.562	LUM	LUM	LUM	LUM	2.681	28.09	791.02.	3965.	9672.	2.	-6.
16 56 29	LUM	.147	LUM	LUM	LUM	LUM	2.678	27.69	789.53.	3968.	9736.	1.	-7.
16 56 34	LUM	.244	LUM	LUM	LUM	LUM	2.684	28.01	792.15.	4084.	9722.	2.	-8.
16 56 39	LUM	.342	LUM	LUM	LUM	LUM	2.688	28.06	785.84.	3979.	9779.	4.	-8.
16 56 49	LUM	.538	LUM	LUM	LUM	LUM	2.688	28.12	785.54.	3579.	9808.	4.	-8.
16 56 54	LUM	.073	LUM	LUM	LUM	LUM	2.669	28.39	743.03.	3531.	9853.	4.	-7.
16 56 59	LUM	.196	LUM	LUM	LUM	LUM	2.642	28.23	744.1.	3950.	9772.	3.	-8.
16 57 9	LUM	.513	LUM	LUM	LUM	LUM	2.669	28.01	790.28.	3948.	9679.	3.	-7.
16 57 14	LUM	.831	LUM	LUM	LUM	LUM	2.677	28.17	789.30.	3945.	9622.	3.	-7.
16 57 19	LUM	.171	LUM	LUM	LUM	LUM	2.675	27.69	790.20.	4118.	9736.	2.	-7.
16 57 24	LUM	.538	LUM	LUM	LUM	LUM	2.691	27.98	732.52.	4013.	9731.	3.	-6.
16 57 29	LUM	.391	LUM	LUM	LUM	LUM	2.669	28.01	793.50.	4038.	9673.	3.	-5.
16 57 34	LUM	.660	LUM	LUM	LUM	LUM	2.664	27.96	793.14.	3979.	9735.	2.	-5.
16 57 39	LUM	.635	LUM	LUM	LUM	LUM	2.685	27.82	793.26.	3958.	9679.	4.	-4.
16 57 44	LUM	-0.318	LUM	LUM	LUM	LUM	2.689	28.55	790.23.	3931.	9736.	3.	-6.
16 57 49	LUM	-0.318	LUM	LUM	LUM	LUM	2.683	28.12	791.43.	3935.	9758.	2.	-8.

TIME H/M/S	PR 30 TEMP SURFAC FAD PART MCVBLE SFIRE	PR 19 AIR BLEED STARTR L/MENG	AF 31 TEMP SKIN MASS WING UPR L/HOUT	AF 32 TEMP SKIN MASS WING UPR L/HIN	IF 33 TEMP SKIN MASS WING JPR L/HOUT	AF 34 TEMP SKIN MASS WING JPR L/HOUT	PR 4 PRESS ENGINE RATIO L/H	SP 16 VOLTS OC BUSS	AF 5 FLM FUEL L/MENG	PR 1 RPM N1 TACH GER L/MENG	PR 2 RPM N2 TACH JER L/MENG	CS 5 ATTU PITCH	CS 6 ATTU ROLL
15 57 45	LUM	.293	LOW	LOW	LOW	LOW	2.655	28.39	791.02	3970.	9665.	3.	-7.
16 57 50	LUM	.733	LOW	LOW	LOW	LOW	2.884	27.93	733.53	3906.	9730.	2.	-8.
16 57 55	LUM	-.831	LOW	LOW	LOW	LOW	2.875	27.90	732.52	3960.	9708.	4.	-10.
16 58 0	LUM	-.806	LOW	LOW	LOW	LOW	2.881	27.80	733.27	3945.	9715.	3.	-8.
16 58 5	LUM	-.978	LOW	LOW	LOW	LOW	2.662	28.28	732.51	3960.	9694.	3.	-6.
16 58 10	LUM	-.806	LOW	LOW	LOW	LOW	2.680	28.09	733.64	3935.	9665.	3.	-5.
16 58 15	LUM	.782	LOW	LOW	LOW	LOW	2.889	28.44	733.78	3999.	9779.	3.	-7.
16 58 20	LUM	.782	LOW	LOW	LOW	LOW	2.667	27.96	733.65	3984.	9779.	2.	-7.
16 58 25	LUM	-.330	LOW	LOW	LOW	LOW	2.889	27.56	733.64	3970.	9708.	2.	-6.
16 58 30	LUM	-.293	LOW	LOW	LOW	LOW	2.895	27.66	733.64	3965.	9636.	2.	-8.
16 58 35	LUM	-1.075	LOW	LOW	LOW	LOW	2.891	27.74	733.53	3995.	9679.	2.	-8.
16 58 40	LUM	-.464	LOW	LOW	LOW	LOW	2.880	27.96	731.40	3994.	9758.	2.	-6.
16 58 45	LUM	.049	LOW	LOW	LOW	LOW	2.888	28.12	733.27	3970.	9679.	1.	-7.
16 58 50	LUM	.824	LOW	LOW	LOW	LOW	2.869	27.90	732.15	3974.	9781.	1.	-8.
16 59 0	LUM	-.831	LOW	LOW	LOW	LOW	2.831	27.20	733.26	3985.	9736.	2.	-6.
16 59 5	LUM	-.367	LOW	LOW	LOW	LOW	2.880	27.69	733.90	3958.	9765.	1.	-6.
16 59 10	LUM	.733	LOW	LOW	LOW	LOW	2.871	28.86	735.51	3979.	9736.	3.	-7.
16 59 15	LUM	0.000	LOW	LOW	LOW	LOW	2.888	27.77	731.02	3911.	9751.	3.	-6.
16 59 20	LUM	1.222	LOW	LOW	LOW	LOW	2.880	28.33	733.27	3992.	9736.	1.	-7.
16 59 25	LUM	1.031	LOW	LOW	LOW	LOW	2.889	28.20	733.27	3986.	9722.	2.	-7.
16 59 30	LUM	1.124	LOW	LOW	LOW	LOW	2.837	28.01	733.53	3911.	9751.	3.	-10.
16 59 35	LUM	.035	LOW	LOW	LOW	LOW	2.883	27.86	733.65	3906.	9715.	2.	-9.
16 59 40	LUM	.538	LOW	LOW	LOW	LOW	2.893	27.63	733.27	3931.	9722.	3.	-8.
16 59 45	LUM	.269	LOW	LOW	LOW	LOW	2.891	27.93	733.90	3997.	9701.	3.	-6.
16 59 50	LUM	-.004	LOW	LOW	LOW	LOW	2.869	28.06	731.02	3971.	9751.	4.	-8.
16 59 55	LUM	-.342	LOW	LOW	LOW	LOW	2.893	28.26	732.15	3955.	9693.	3.	-7.
17 0 0	LUM	.464	LOW	LOW	LOW	LOW	2.864	27.96	734.02	3999.	9715.	3.	-8.
17 45 20	LUM	.331	LOW	LOW	LOW	LOW	2.883	27.61	733.64	4813.	9715.	3.	-8.
17 45 25	LUM	.507	LOW	LOW	LOW	LOW	2.851	27.53	734.02	3921.	9608.	2.	-9.
17 45 30	LUM	-.049	LOW	LOW	LOW	LOW	2.880	28.28	733.27	3955.	9779.	2.	-9.
17 45 35	LUM	.196	LOW	LOW	LOW	LOW	2.884	27.90	731.40	3940.	9708.	3.	-6.
17 45 40	LUM	.538	LOW	LOW	LOW	LOW	2.902	28.44	733.53	3726.	9665.	3.	-6.
17 45 45	LUM	.855	LOW	LOW	LOW	LOW	2.883	28.06	731.65	3808.	9715.	3.	-7.
17 45 50	LUM	.098	LOW	LOW	LOW	LOW	2.891	28.23	732.52	3940.	9633.	2.	-7.
17 45 55	LUM	.347	LOW	LOW	LOW	LOW	2.890	28.17	733.78	3982.	9672.	2.	-7.
17 46 0	LUM	.244	LOW	LOW	LOW	LOW	2.899	28.33	733.53	3931.	9665.	2.	-9.
17 46 5	LUM	.318	LOW	LOW	LOW	LOW	2.857	27.47	733.41	3807.	9651.	2.	-9.
17 46 10	LUM	.331	LOW	LOW	LOW	LOW	2.861	28.12	733.79	3921.	9636.	2.	-9.
17 46 15	LUM	.342	LOW	LOW	LOW	LOW	2.901	27.90	734.02	3863.	9579.	2.	-8.
17 46 20	LUM	.538	LOW	LOW	LOW	LOW	2.862	27.31	734.02	3989.	9779.	2.	-6.
17 46 25	LUM	-.073	LOW	LOW	LOW	LOW	2.869	27.72	734.02	3950.	9708.	3.	-7.
17 46 30	LUM	.604	LOW	LOW	LOW	LOW	2.884	27.53	733.53	3931.	9765.	1.	-6.
17 46 35	LUM	.587	LOW	LOW	LOW	LOW	2.882	27.61	731.02	3970.	9758.	2.	-8.
17 46 40	LUM	-.090	LOW	LOW	LOW	LOW	2.882	27.74	732.52	3992.	9751.	2.	-8.
17 46 45	LUM	.331	LOW	LOW	LOW	LOW	2.883	27.74	732.52	3958.	9756.	2.	-6.
17 46 50	LUM	1.026	LOW	LOW	LOW	LOW	2.899	27.69	733.28	3853.	9679.	2.	-5.
17 46 55	LUM	.733	LOW	LOW	LOW	LOW	2.869	27.50	731.40	3940.	9743.	1.	-7.
17 47 0	LUM	0.000	LOW	LOW	LOW	LOW	2.883	28.23	731.77	3853.	9736.	4.	-5.

TIME H/M/S	PR 30 TEMP SURFAC FWO PART MCV3LE SPIKE	PR 19 AIR BLEED STARIR L/MENG	AF 31 TEMP SKIN MASS WING UPR L/HOUT	AF 32 TEMP SKIN MASS WING UPR L/MIN	AF 33 TEMP SKIN MASS WING JPR R/HOUT	AF 34 TEMP SKIN MASS	PR 4 PRESS ENGINE KATIO L/H	SP 16 VOLTS DC BUSS	AF 5 FLOW FUEL L/MENG	PR 1 RPM N1 TACH GER L/MENG	PR 2 RPM N2 TACH GER L/MENG	CS 5 ATTU PITCH	CS 6 ATTU ROLL
17 58 33	L04	.440	L04	L04	L04	-04	2.690	27.77	732.89	394.8	973.6	3.	-7.
17 58 33	L04	0.000	L04	L04	L04	-04	2.485	27.42	794.82	402.8	982.2	1.	-7.
17 58 43	L04	.269	L04	L04	L04	-04	2.885	27.88	791.77	399.5	965.5	2.	-7.
17 58 48	L04	.342	L04	L04	L04	-04	2.851	27.74	732.52	406.8	977.9	1.	-7.
17 58 53	L04	.611	L04	L04	L04	-04	2.867	27.80	733.64	398.9	979.3	2.	-6.
17 58 58	L04	.096	L04	L04	L04	-04	2.375	28.28	735.51	402.8	980.8	2.	-7.
17 59 3	L04	.073	L04	L04	L04	-04	2.886	28.24	730.28	398.4	973.6	3.	-6.
17 59 8	L04	-.742	L04	L04	L04	-04	2.866	28.33	735.51	397.9	977.9	3.	-6.
17 59 13	L04	-.244	L04	L04	L04	-04	2.891	27.93	791.77	397.9	973.6	2.	-6.
17 59 18	L04	1.369	L04	L04	L04	-04	2.891	28.33	793.26	399.9	956.5	3.	-7.
17 59 23	L04	.660	L04	L04	L04	-04	2.891	28.09	734.23	408.4	967.2	2.	-6.
17 59 28	L04	0.000	L04	L04	L04	-04	2.891	27.96	783.53	399.9	972.2	1.	-6.
17 59 33	L04	.049	L04	L04	L04	-04	2.882	28.17	789.91	398.4	969.3	2.	-7.
17 59 38	L04	.244	L04	L04	L04	-04	2.931	27.74	784.74	391.1	972.2	2.	-4.
18 6 39	L04	.171	L04	L04	L04	-04	2.987	27.88	782.42	199.8	489.7	3.	-2.
18 6 44	L04	.048	L04	L04	L04	-04	2.987	28.33	779.43	187.	100.	3.	-1.
18 6 49	L04	.293	L04	L04	L04	-04	2.971	28.47	779.43	73.	93.	3.	0.
18 6 54	L04	-.742	L04	L04	L04	-04	2.971	28.12	783.54	88.	143.	2.	1.
18 6 59	L04	-.489	L04	L04	L04	-04	2.972	28.12	781.33	83.	93.	2.	1.
18 7 4	L04	.293	L04	L04	L04	-04	2.969	27.98	777.56	19.	8.	4.	2.
18 7 9	L04	.367	L04	L04	L04	-04	2.974	27.69	778.11	44.	29.	3.	1.
18 7 14	L04	-.038	L04	L04	L04	-04	2.987	27.69	782.81	78.	185.	1.	-2.
18 7 24	L04	.415	L04	L04	L04	-04	2.986	27.82	779.83	73.	121.	2.	-1.
18 7 39	L04	.122	L04	L04	L04	-04	2.971	27.96	781.38	29.	100.	2.	2.
18 7 44	L04	.244	L04	L04	L04	-04	2.965	27.47	783.83	63.	107.	1.	1.
18 7 49	L04	.122	L04	L04	L04	-04	2.978	27.63	780.54	68.	157.	2.	0.
18 7 54	L04	.587	L04	L04	L04	-04	2.985	27.82	779.80	68.	157.	2.	0.
18 7 59	L04	-.038	L04	L04	L04	-04	2.971	28.12	779.80	68.	157.	1.	-1.
18 8 4	L04	-.391	L04	L04	L04	-04	2.982	27.80	782.80	68.	107.	1.	0.
18 8 9	L04	.098	L04	L04	L04	-04	2.973	28.26	778.31	97.	100.	3.	-1.
18 8 14	L04	.831	L04	L04	L04	-04	2.973	28.15	773.85	73.	71.	3.	0.
18 8 20	L04	-.122	L04	L04	L04	-04	2.960	28.23	776.86	88.	57.	3.	-6.
18 8 25	L04	.342	L04	L04	L04	-04	2.964	28.28	777.56	92.	58.	2.	0.
18 8 30	L04	.367	L04	L04	L04	-04	2.978	27.53	779.80	78.	29.	3.	0.
18 8 38	L04	.587	L04	L04	L04	-04	2.985	27.82	781.67	102.	78.	2.	-1.
18 23 38	77.	.147	73.	69.	70.	73.	2.372	27.47	784.23	15.	114.	3.	1.
18 23 43	75.	.342	73.	70.	71.	73.	2.371	27.77	783.53	15.	114.	1.	1.
18 21 9	74.	.342	73.	71.	71.	73.	2.480	28.17	779.83	63.	43.	2.	1.
18 21 14	76.	-.391	76.	76.	74.	75.	2.986	28.39	776.83	86.	43.	14.	6.
18 21 19	81.	-.147	76.	76.	75.	77.	2.376	27.09	784.23	88.	86.	26.	6.
18 21 24	81.	-.196	77.	77.	75.	77.	2.381	27.53	784.23	97.	100.	26.	11.
18 21 29	79.	-.369	76.	77.	69.	76.	2.388	28.17	783.54	126.	100.	27.	11.
18 21 34	82.	-.709	75.	76.	70.	73.	2.988	28.23	784.23	102.	107.	26.	10.
18 21 39	79.	-.373	75.	75.	71.	73.	2.982	28.23	783.55	107.	143.	26.	10.
18 21 45	74.	-.587	71.	74.	70.	72.	2.988	28.04	779.43	57.	114.	26.	11.
18 21 50	73.	-.186	74.	74.	70.	72.	2.384	28.28	783.54	29.	135.	27.	10.
18 21 55	74.	-.122	74.	73.	71.	66.	2.376	28.15	783.54	58.	128.	27.	10.
18 22 8	74.		74.	73.	70.	68.	2.901	28.15	783.54	10.	128.	27.	10.

TIME H/M/S	PR 30 TEMP SURFAC FWD PART NOBLE SPIKE	PK 19 AIR BLEED STARTER L/HENG	AF 31 TEMP SKIN MASS UPR L/HOUT	AF 32 TEMP SKIN MASS WING UPR L/MIN	AF 33 TEMP SKIN MASS WING UPR R/HOUT	AF 34 TEMP SKIN MASS	PR 4 PRESS ENGINE RATIO L/H	SP 16 VOLTS OC BUSS	AF 5 FLUM FUEL L/HENG	PR 1 RPM N1 TACH G R L/HENG	PR 2 RPM N2 TACH JER L/HENG	G 5 ATTU PITCH	OS 6 ATTU ROLL
15													
10 22 5	75.	-0.89	74.	73.	70.	72.	2.985	27.74	78654.	29.	86.	28.	13.
10 22 10	74.	-0.341	75.	74.	70.	73.	2.965	27.72	78616.	54.	128.	27.	11.
10 22 15	77.	-0.342	73.	73.	72.	73.	2.982	28.01	78205.	97.	157.	27.	11.
10 22 20	76.	-0.338	74.	73.	69.	73.	2.985	28.15	78392.	78.	128.	27.	16.
10 22 25	74.	-0.049	74.	73.	69.	73.	2.988	28.33	78629.	68.	128.	28.	11.
10 22 30	74.	-0.171	74.	73.	69.	70.	2.988	27.98	78093.	68.	128.	28.	16.
10 22 35	73.	-0.244	74.	73.	70.	72.	2.967	27.90	78654.	15.	57.	27.	11.
10 22 40	71.	-0.098	74.	73.	70.	72.	2.961	28.23	78429.	78.	86.	28.	11.
10 22 45	74.	-0.196	72.	59.	71.	72.	2.933	27.47	78205.	54.	86.	27.	16.
10 22 50	76.	-0.173	73.	71.	71.	73.	2.963	27.74	78429.	92.	143.	26.	9.
10 22 55	75.	-0.342	73.	70.	72.	73.	2.972	27.80	78205.	92.	143.	27.	11.
10 23 0		-0.171	73.	70.	72.	73.	2.973	28.04	78313.				

TIME H/M/S	CS 7 ANGLE OF ATTACK (TRUE)	AF 6 TEMP FUEL TANK BTM CENTR	AF 29 PRESS AIR COOLER OUTLET L/HENG	E3 31 UPSTKM JF MATR S PY255- PY256	EC 34 PRES SABIN FLOW SUPPLY	EC 31 FLOPR FLOTR OF EQ DAY PY151- PY182	EC 114 TEMP EMERLY GENSTR LOOLNG EXIT	AF 26 TEMP AIR INLET OIL COOLER L/HENG	PR 17 TEMP AIR BLEED TO R/H STARTK	SP 13 TEMP MVO OIL INLET COOLER R/H	SP 14 TEMP MVO OIL OUTLET COOLER R/H	SP 15 PRES AC GEN L/HENG	EC 06 TEMP AIR DOWNSTR OF ANTI ICE VL
16 19 3	8.65	LOW	-6.	-.093	-.049	-.020	LOW	LOW	LOW	LOW	LOW	400.	124.
16 19 8	7.74	LOW	-3.	-.080	-.034	-.061	LOW	LOW	LOW	LOW	LOW	400.	124.
16 19 13	7.55	LOW	-3.	-.044	-.039	-.049	LOW	LOW	LOW	LOW	LOW	400.	123.
16 19 31	7.70	LOW	-1.	-.078	-.046	-.034	LOW	LOW	LOW	LOW	LOW	400.	122.
16 19 28	7.85	LOW	-2.	-.078	-.054	-.049	LOW	LOW	LOW	LOW	LOW	400.	123.
16 19 33	7.80	LOW	-2.	-.049	-.051	-.045	LOW	LOW	LOW	LOW	LOW	400.	124.
16 19 33	7.80	LOW	-6.	-.078	-.049	-.078	LOW	LOW	LOW	LOW	LOW	400.	123.
16 19 38	7.85	LOW	-1.	-.066	-.044	-.056	LOW	LOW	LOW	LOW	LOW	400.	123.
16 19 43	7.70	LOW	-6.	-.078	-.024	0.000	LOW	LOW	LOW	LOW	LOW	400.	123.
16 19 48	7.43	LOW	-5.	-.071	-.029	-.020	LOW	LOW	LOW	LOW	LOW	400.	123.
16 19 53	7.40	LOW	1.	-.049	-.054	-.039	LOW	LOW	LOW	LOW	LOW	400.	123.
16 19 58	7.63	LOW	2.	-.044	-.046	-.029	LOW	LOW	LOW	LOW	LOW	400.	123.
16 20 4	7.90	LOW	0.	-.117	-.044	-.049	LOW	LOW	LOW	LOW	LOW	400.	123.
16 20 9	7.60	LOW	1.	-.100	-.051	-.037	LOW	LOW	LOW	LOW	LOW	400.	123.
16 21 26	7.60	LOW	1.	-.244	-.059	-.020	LOW	LOW	LOW	LOW	LOW	400.	124.
16 21 31	7.78	LOW	-0.	-.164	-.044	-.024	LOW	LOW	LOW	LOW	LOW	400.	121.
16 21 36	7.50	LOW	0.	-.073	-.054	-.088	LOW	LOW	LOW	LOW	LOW	400.	120.
16 21 41	7.60	LOW	0.	-.076	-.059	-.064	LOW	LOW	LOW	LOW	LOW	400.	127.
16 21 46	7.60	LOW	0.	-.064	-.054	-.064	LOW	LOW	LOW	LOW	LOW	400.	129.
16 21 51	7.58	LOW	0.	-.064	-.056	-.046	LOW	LOW	LOW	LOW	LOW	400.	127.
16 21 56	7.75	LOW	-1.	-.075	-.025	-.043	LOW	LOW	LOW	LOW	LOW	400.	126.
16 22 1	7.62	LOW	-1.	-.078	-.044	-.040	LOW	LOW	LOW	LOW	LOW	400.	117.
16 22 6	7.76	LOW	-2.	-.103	-.054	-.063	LOW	LOW	LOW	LOW	LOW	400.	119.
16 22 11	7.60	LOW	-1.	-.122	-.054	-.071	LOW	LOW	LOW	LOW	LOW	400.	112.
16 22 16	7.55	LOW	-3.	-.112	-.054	-.091	LOW	LOW	LOW	LOW	LOW	400.	113.
16 22 21	7.63	LOW	-1.	-.117	-.071	-.013	LOW	LOW	LOW	LOW	LOW	400.	106.
16 22 34	6.95	LOW	-4.	-.132	-.029	-.006	LOW	LOW	LOW	LOW	LOW	400.	107.
16 22 36	7.25	LOW	-4.	-.132	-.042	-.021	LOW	LOW	LOW	LOW	LOW	400.	35.
16 22 41	7.50	LOW	0.	-.101	-.054	-.046	LOW	LOW	LOW	LOW	LOW	400.	101.
16 22 46	7.57	LOW	-1.	-.159	-.049	-.046	LOW	LOW	LOW	LOW	LOW	400.	108.
16 22 51	7.55	LOW	-4.	-.215	-.078	-.046	LOW	LOW	LOW	LOW	LOW	400.	106.
16 23 1	7.45	LOW	-4.	-.200	-.071	-.055	LOW	LOW	LOW	LOW	LOW	400.	106.
16 23 9	7.60	LOW	-0.	-.127	-.034	-.021	LOW	LOW	LOW	LOW	LOW	400.	104.
16 23 16	7.56	LOW	-1.	-.134	-.039	-.024	LOW	LOW	LOW	LOW	LOW	400.	98.
16 23 6	7.70	LOW	0.	-.122	-.034	-.039	LOW	LOW	LOW	LOW	LOW	400.	99.
16 23 11	7.75	LOW	0.	-.152	-.051	-.039	LOW	LOW	LOW	LOW	LOW	400.	97.
16 23 16	7.40	LOW	-1.	-.161	-.044	-.016	LOW	LOW	LOW	LOW	LOW	400.	98.
16 23 21	7.45	LOW	-1.	-.159	-.050	-.039	LOW	LOW	LOW	LOW	LOW	400.	39.
16 23 26	7.45	LOW	-6.	-.122	-.034	-.021	LOW	LOW	LOW	LOW	LOW	400.	97.
16 23 32	7.60	LOW	-1.	-.103	-.051	-.084	LOW	LOW	LOW	LOW	LOW	400.	96.
16 23 37	7.70	LOW	-1.	-.103	-.064	-.030	LOW	LOW	LOW	LOW	LOW	400.	93.
16 23 42	7.55	LOW	2.	-.090	-.054	-.045	LOW	LOW	LOW	LOW	LOW	400.	94.
16 23 47	7.80	LOW	-2.	-.039	-.029	-.027	LOW	LOW	LOW	LOW	LOW	400.	92.
16 23 52	7.74	LOW	-2.	-.034	-.039	-.036	LOW	LOW	LOW	LOW	LOW	400.	90.
16 23 57	7.65	LOW	-1.	-.039	-.039	-.060	LOW	LOW	LOW	LOW	LOW	400.	95.

TIME M/M/S	CS 7	AF 6	AF 29	EC 31	EC 34	EC 37	EC 114	AF 26	PR 17	SP 13	SP 14	SP 15	EC 66
	ANG OF ATTACK (TRUE)	TEMP FUEL TRAP TANK JTM CENTR	PRESS AIR COOLER OUTLET L/MENG	UPSTRM OF WATR S PY235- PY250	SMES ABIN FLOW SUPPLY	FLOPRK FMDTRK OF EQ BAY PY131- PY182	TEMP EMERG GERTR LOOLNG EXIT	TEMP AIR INLET OIL COOLER L/MENG	TEMP AIR BLEEU TO X/M STARTK	TEMP MYO OIL INLET COOLER R/M	TEMP MYO OIL COOLER R/M	FREW AC GEN L/MENG	TEMP AIR OMHSTR UF ANT1 ICE VL
16 34 34	7.62	LOW	-0.	.237	.191	.281	LOW	LOW	LOW	LOW	LOW	400.	75.
16 38 39	7.70	LOW	-1.	.200	.200	.313	LOW	LOW	LOW	LOW	LOW	400.	74.
16 39 44	7.73	LOW	-1.	.167	.281	.310	LOW	LOW	LOW	LOW	LOW	400.	74.
16 39 49	7.55	LOW	9.	.303	.285	.269	LOW	LOW	LOW	LOW	LOW	400.	75.
16 38 54	7.76	LOW	18.	.325	.279	.313	LOW	LOW	LOW	LOW	LOW	400.	73.
16 38 59	7.60	LOW	26.	.367	.225	.300	LOW	LOW	LOW	LOW	LOW	400.	76.
16 39 4	7.60	LOW	38.	.327	.235	.310	LOW	LOW	LOW	LOW	LOW	400.	73.
16 39 9	7.61	LOW	60.	.200	.281	.347	LOW	LOW	LOW	LOW	LOW	400.	71.
16 39 14	7.61	LOW	58.	.254	.181	.310	LOW	LOW	LOW	LOW	LOW	400.	76.
16 39 19	7.35	LOW	63.	.100	.044	.225	LOW	LOW	LOW	LOW	LOW	400.	92.
16 39 24	7.38	LOW	63.	.164	.034	.313	LOW	LOW	LOW	LOW	LOW	400.	127.
16 39 29	7.40	LOW	63.	.156	.020	.312	LOW	LOW	LOW	LOW	LOW	400.	141.
16 39 34	7.42	LOW	62.	.161	.012	.332	LOW	LOW	LOW	LOW	LOW	400.	145.
16 39 39	7.75	LOW	62.	.190	.020	.337	LOW	LOW	LOW	LOW	LOW	400.	161.
16 39 44	7.65	LOW	61.	.174	.032	.337	LOW	LOW	LOW	LOW	LOW	400.	162.
16 39 49	7.90	LOW	61.	.200	.005	.308	LOW	LOW	LOW	LOW	LOW	400.	168.
16 39 54	7.83	LOW	61.	.215	.002	.345	LOW	LOW	LOW	LOW	LOW	400.	171.
16 40 4	7.65	LOW	59.	.171	0.000	.327	LOW	LOW	LOW	LOW	LOW	400.	180.
16 40 9	7.76	LOW	59.	.196	.037	.347	LOW	LOW	LOW	LOW	LOW	400.	181.
16 40 14	7.30	LOW	65.	.230	.044	.327	LOW	LOW	LOW	LOW	LOW	400.	185.
16 40 19	7.48	LOW	64.	.220	.022	.323	LOW	LOW	LOW	LOW	LOW	400.	186.
16 40 24	7.51	LOW	59.	.235	.024	.302	LOW	LOW	LOW	LOW	LOW	400.	191.
16 40 29	7.65	LOW	60.	.217	.020	.323	LOW	LOW	LOW	LOW	LOW	400.	192.
16 40 34	7.65	LOW	61.	.196	.039	.332	LOW	LOW	LOW	LOW	LOW	400.	301.
16 40 39	7.60	LOW	61.	.193	.049	.325	LOW	LOW	LOW	LOW	LOW	400.	303.
16 40 44	7.75	77.6	60.	.244	.141	.327	LOW	103.	725.	108.	91.	399.	305.
16 40 49	7.70	78.1	60.	.271	.213	.350	LOW	105.	729.	113.	93.	399.	311.
16 40 54	7.35	75.2	60.	.293	.200	.269	LOW	103.	749.	115.	92.	399.	317.
16 40 59	7.40	75.6	60.	.293	.214	.261	LOW	110.	748.	120.	95.	399.	319.
16 41 4	7.70	78.4	61.	.327	.249	.332	LOW	115.	734.	117.	93.	399.	327.
16 41 9	7.73	75.8	61.	.315	.217	.334	LOW	112.	743.	117.	93.	399.	328.
16 41 14	7.51	75.5	61.	.300	.191	.293	LOW	109.	763.	123.	95.	399.	329.
16 41 19	7.40	75.5	60.	.310	.166	.305	LOW	108.	761.	125.	95.	399.	330.
16 41 24	7.40	77.1	60.	.293	.191	.293	LOW	118.	666.	122.	95.	399.	331.
16 41 29	7.46	76.5	61.	.264	.190	.294	LOW	118.	661.	122.	95.	399.	332.
16 41 34	7.46	76.5	61.	.253	.186	.294	LOW	112.	643.	117.	91.	400.	333.
16 41 39	7.73	76.5	62.	.249	.183	.321	LOW	115.	639.	122.	94.	400.	334.
16 41 44	7.73	75.2	67.	.225	.186	.332	LOW	111.	639.	122.	94.	400.	335.
16 41 49	7.73	75.2	67.	.227	.196	.332	LOW	111.	639.	122.	94.	400.	336.
16 41 54	7.73	75.2	71.	.266	.152	.323	LOW	117.	639.	122.	94.	400.	337.
16 41 59	7.40	74.0	74.	.260	.143	.300	LOW	115.	639.	122.	94.	400.	338.
16 42 4	7.40	74.0	79.	.283	.205	.311	LOW	112.	639.	122.	94.	400.	339.
16 42 9	7.55	76.8	79.	.260	.186	.313	LOW	116.	639.	122.	94.	400.	340.
16 42 14	7.60	76.8	80.	.264	.225	.313	LOW	116.	639.	122.	94.	400.	341.
16 42 19	7.60	76.8	79.	.306	.270	.342	LOW	116.	639.	122.	94.	400.	342.
16 42 24	7.73	76.8	82.	.381	.279	.308	LOW	114.	639.	122.	94.	400.	343.
16 42 29	7.45	75.5	64.	.390	.271	.310	LOW	114.	639.	122.	94.	400.	344.
16 42 34	7.75	74.5	82.	.327	.215	.259	LOW	110.	639.	122.	94.	400.	345.
16 42 39	7.75	75.5	83.	.301	.193	.257	LOW	110.	639.	122.	94.	400.	346.

TIME MM/SS	CS ANGLE OF ATTACK (TRUL)	AF TEMP FUEL TRAP TANK BTM CENTR	AF PRESS AIR COOLER OUTLET L/HENG	EC UPSTRM JF WATR S PY25- PY256	EC 34 PRES CABIN FLOW SUPPLY	EC 37 FLOPRK FUTRM OF EQ BAY PV181- PV132	EC 114 TEMP EMERCY WENTR COOLING EXIT	AF 26 TEMP AIR INLET OIL COOLER L/HENG	PR 17 TEMP AIR BLEED TO STARTK	SP 13 TEMP HYD OIL INLET COOLER R/M	SP 14 TEMP HYD OIL OUTLET COOLER R/M	SP 15 FUEL AC GEN L/HENG	EC 66 TEMP AIR UMISTR LF ANTI ICE PL
16 43 34	7.40	75.8	82.	274	181	283	83.	105.	24.	124.	97.	400.	335.
16 48 39	7.55	75.8	83.	296	215	301	83.	106.	26.	126.	97.	400.	342.
16 48 44	7.60	77.8	84.	288	186	313	74.	120.	29.	128.	98.	400.	349.
16 48 49	7.63	76.1	84.	242	180	305	76.	117.	23.	120.	87.	400.	351.
16 48 54	7.55	76.5	84.	215	210	279	66.	118.	23.	117.	92.	400.	350.
16 49 04	7.58	77.4	83.	235	174	283	52.	113.	24.	118.	93.	400.	352.
16 49 09	7.70	75.2	87.	274	132	223	45.	115.	21.	126.	93.	400.	357.
16 49 14	7.75	74.8	86.	243	205	211	84.	113.	23.	129.	96.	359.	359.
16 49 19	7.75	77.0	78.	269	357	251	66.	114.	23.	129.	96.	359.	359.
16 49 24	7.66	76.1	83.	237	357	251	66.	114.	23.	129.	96.	359.	359.
16 49 29	7.66	77.4	87.	259	313	293	82.	121.	26.	119.	91.	400.	359.
16 49 34	7.60	77.4	89.	245	323	308	82.	116.	24.	119.	84.	400.	359.
16 49 39	7.60	73.6	87.	254	367	288	81.	112.	24.	121.	84.	400.	359.
16 49 44	7.56	74.2	87.	267	472	335	82.	116.	25.	124.	95.	400.	361.
16 49 49	7.50	75.2	84.	215	503	303	92.	111.	22.	135.	92.	399.	362.
16 49 54	7.43	75.2	85.	284	464	288	83.	114.	22.	120.	93.	399.	362.
16 50 04	7.15	75.2	84.	215	367	235	84.	111.	21.	127.	97.	400.	361.
16 50 09	7.75	75.8	83.	210	352	232	83.	112.	21.	127.	97.	400.	361.
16 50 14	7.50	76.5	86.	230	371	264	81.	108.	24.	116.	90.	400.	364.
16 50 19	7.70	77.1	87.	362	288	282	81.	109.	21.	117.	91.	400.	363.
16 50 24	7.50	75.0	86.	244	286	361	82.	115.	20.	124.	94.	400.	362.
16 50 29	7.55	77.1	87.	252	280	274	83.	112.	24.	118.	94.	400.	362.
16 50 34	7.80	75.8	86.	235	280	261	83.	110.	22.	119.	94.	400.	363.
16 50 39	7.70	76.8	87.	222	280	280	84.	116.	21.	125.	93.	399.	362.
16 50 44	7.70	77.4	86.	237	196	296	84.	112.	21.	120.	94.	400.	363.
16 50 49	7.63	77.4	86.	169	176	303	84.	115.	21.	110.	90.	400.	366.
16 50 54	7.63	77.4	86.	191	166	293	83.	112.	21.	115.	90.	400.	364.
16 51 04	7.61	74.5	89.	193	181	303	83.	114.	21.	130.	95.	400.	362.
16 51 09	7.75	76.0	88.	249	132	327	85.	120.	21.	120.	91.	400.	363.
16 51 14	7.65	73.1	89.	384	203	327	85.	120.	21.	126.	94.	400.	362.
16 51 19	7.61	77.0	88.	408	203	347	81.	118.	21.	125.	96.	400.	363.
16 51 24	7.65	76.5	92.	442	335	494	81.	167.	21.	112.	92.	400.	361.
16 51 29	7.70	80.4	86.	367	357	481	83.	111.	24.	115.	93.	400.	366.
16 51 34	7.73	80.4	86.	408	357	325	79.	107.	24.	114.	91.	400.	363.
16 51 39	7.35	LOW	86.	342	347	315	79.	107.	24.	114.	91.	400.	361.
16 51 44	7.55	LOW	82.	383	435	264	LOW	LOW	24.	100.	90.	400.	361.
16 51 49	7.70	LOW	81.	303	435	293	LOW	LOW	24.	100.	90.	400.	361.
16 51 54	7.65	LOW	81.	191	456	306	LOW	LOW	24.	100.	90.	400.	366.
16 52 04	7.43	LOW	85.	210	433	296	LOW	LOW	24.	100.	90.	400.	366.
16 52 09	7.43	LOW	86.	235	381	264	LOW	LOW	24.	100.	90.	400.	366.
16 52 14	7.55	LOW	86.	249	345	261	LOW	LOW	24.	100.	90.	400.	362.
16 52 19	7.75	LOW	86.	362	283	240	LOW	LOW	24.	100.	90.	400.	362.
16 52 24	7.40	LOW	86.	371	327	345	LOW	LOW	24.	100.	90.	400.	362.
16 52 29	7.40	LOW	87.	327	327	298	LOW	LOW	24.	100.	90.	400.	361.
16 52 34	7.60	LOW	91.	279	279	238	LOW	LOW	24.	100.	90.	400.	357.
16 52 39	7.65	LOW	89.	237	284	244	LOW	LOW	24.	100.	90.	400.	359.
16 52 44	7.65	LOW	87.	313	186	233	LOW	LOW	24.	100.	90.	400.	356.

TIME H/M/S	CS 7 ANGLE OF ATTACK (TRUE)	AF 6 TEMP FUEL TANK BTM CENTR	AF 23 PRESS AIR COOLER OUTLET L/HENG	EC 31 UPSTRM JF MTR S P1256	EC 34 PRES CABIN FLOW SUPPLY	EC 37 FLOMPR FMOFTR OF EW 3AY PY131- PY132	EC 11+ TEMP EMERCY GERATR COOLNG EXIT	AF 26 TEMP AIR INLET OIL COOLER L/HENG	PR 17 TEMP AIR BLEED TO K/M	SP 13 TEMP HYD OIL INLET COOLER K/M	SP 14 TEMP HYD OIL OUTLET COOLER K/M	SP 15 FRED AC GEN L/HENG	EC 06 TEMP AIR DWNSTR OF ANTI ICE VL
16 52 45	7.54	LOW	91.	.271	.136	.325	LOW	LOW	LOW	LOW	LOW	400.	356.
16 52 45	7.35	LOW	88.	.196	.132	.313	LOW	LOW	LOW	LOW	LOW	400.	358.
16 52 50	7.55	LOW	89.	.203	.171	.315	LOW	LOW	LOW	LOW	LOW	400.	357.
16 52 55	7.90	LOW	86.	.230	.132	.328	LOW	LOW	LOW	LOW	LOW	400.	356.
16 53 0	7.73	LOW	69.	.230	.139	.323	LOW	LOW	LOW	LOW	LOW	400.	356.
16 53 13	7.85	LOW	94.	.254	.137	.357	LOW	LOW	LOW	LOW	LOW	400.	357.
16 53 18	7.80	LOW	93.	.359	.208	.463	LOW	LOW	LOW	LOW	LOW	399.	355.
16 53 16	7.55	LOW	92.	.493	.308	.381	LOW	LOW	LOW	LOW	LOW	400.	351.
16 53 21	7.55	LOW	91.	.462	.313	.391	LOW	LOW	LOW	LOW	LOW	400.	353.
16 53 20	7.68	LOW	93.	.464	.352	.337	LOW	LOW	LOW	LOW	LOW	400.	356.
16 53 31	7.60	LOW	93.	.452	.342	.342	LOW	LOW	LOW	LOW	LOW	400.	351.
16 53 36	7.55	LOW	92.	.425	.327	.323	LOW	LOW	LOW	LOW	LOW	400.	356.
16 53 41	7.75	LOW	89.	.352	.426	.323	LOW	LOW	LOW	LOW	LOW	400.	353.
16 53 46	7.75	LOW	87.	.215	.450	.266	LOW	LOW	LOW	LOW	LOW	400.	349.
16 53 51	7.65	LOW	87.	.285	.408	.281	LOW	LOW	LOW	LOW	LOW	400.	352.
16 53 56	7.70	LOW	91.	.235	.357	.288	LOW	LOW	LOW	LOW	LOW	400.	351.
16 54 1	7.56	LOW	90.	.232	.347	.264	LOW	LOW	LOW	LOW	LOW	400.	351.
16 54 6	7.55	LOW	88.	.259	.352	.253	LOW	LOW	LOW	LOW	LOW	400.	351.
16 54 11	7.66	LOW	91.	.347	.326	.254	LOW	LOW	LOW	LOW	LOW	400.	352.
16 54 16	7.55	LOW	92.	.381	.313	.382	LOW	LOW	LOW	LOW	LOW	400.	344.
16 54 21	7.73	LOW	91.	.357	.213	.450	LOW	LOW	LOW	LOW	LOW	400.	344.
16 54 26	7.40	LOW	93.	.323	.815	.508	LOW	LOW	LOW	LOW	LOW	400.	349.
16 54 31	7.48	LOW	92.	.178	-.006	.453	LOW	LOW	LOW	LOW	LOW	400.	349.
16 54 36	7.55	LOW	88.	.232	.332	.170	LOW	LOW	LOW	LOW	LOW	399.	350.
16 54 41	7.65	LOW	87.	.271	.291	.198	LOW	LOW	LOW	LOW	LOW	400.	351.
16 54 46	7.65	LOW	90.	.285	.239	.265	LOW	LOW	LOW	LOW	LOW	399.	351.
16 54 51	7.73	LOW	90.	.174	.156	.252	LOW	LOW	LOW	LOW	LOW	399.	348.
16 54 56	7.45	LOW	86.	.093	.015	.308	LOW	LOW	LOW	LOW	LOW	400.	351.
16 55 1	7.50	LOW	85.	.115	.012	.465	LOW	LOW	LOW	LOW	LOW	400.	349.
16 55 6	7.55	LOW	86.	.147	-.039	.391	LOW	LOW	LOW	LOW	LOW	400.	342.
16 55 9	7.60	LOW	87.	.183	-.022	.384	LOW	LOW	LOW	LOW	LOW	400.	348.
16 55 19	7.40	LOW	86.	.200	0.030	.430	LOW	LOW	LOW	LOW	LOW	400.	338.
16 56 24	7.51	LOW	86.	.203	.007	.400	LOW	LOW	LOW	LOW	LOW	400.	337.
16 56 29	7.61	LOW	85.	.200	0.006	.421	LOW	LOW	LOW	LOW	LOW	400.	335.
16 56 29	7.55	LOW	87.	.213	.027	.486	LOW	LOW	LOW	LOW	LOW	400.	336.
16 56 34	7.70	LOW	87.	.244	.045	.481	LOW	LOW	LOW	LOW	LOW	400.	337.
16 56 39	7.78	LOW	87.	.239	.015	.391	LOW	LOW	LOW	LOW	LOW	400.	332.
16 56 49	7.70	LOW	86.	.206	.024	.371	LOW	LOW	LOW	LOW	LOW	400.	331.
16 56 54	7.55	LOW	86.	.235	.012	.389	LOW	LOW	LOW	LOW	LOW	400.	331.
16 56 59	7.51	LOW	85.	.222	-.005	.364	LOW	LOW	LOW	LOW	LOW	400.	330.
16 57 4	7.45	LOW	87.	.220	-.010	.361	LOW	LOW	LOW	LOW	LOW	400.	326.
16 57 9	7.48	LOW	86.	.196	-.032	.374	LOW	LOW	LOW	LOW	LOW	400.	326.
16 57 14	7.61	LOW	90.	.225	-.010	.400	LOW	LOW	LOW	LOW	LOW	400.	322.
16 57 19	7.51	LOW	90.	.217	-.024	.389	LOW	LOW	LOW	LOW	LOW	400.	322.
16 57 24	7.55	LOW	88.	.186	.010	.391	LOW	LOW	LOW	LOW	LOW	400.	321.
16 57 30	7.40	LOW	89.	.208	.027	.380	LOW	LOW	LOW	LOW	LOW	400.	319.
16 57 35	7.35	LOW	89.	.171	.024	.367	LOW	LOW	LOW	LOW	LOW	400.	318.
16 57 40	7.45	LOW	87.	.176	.035	.363	LOW	LOW	LOW	LOW	LOW	400.	317.

TIME H/M/S	CS 7 ANGLE OF ATTACH (TRUE)	AF 6 TEMP FULL TRAP TANK BTM CENTR	AF 29 PRESS AIR COOLER OUTLET L/HENG	ED 31 UPSTRA JF WATR S PY255- PY256	-C 34 PRES CABIN FLOW SUPPLY	EC 37 FLOPRM FMOIRH OF EQ BAY PY131- PY132	ED 114 TEMP EMERGY GEKTR COOLING EXIT	AF 26 TEMP AIR INLET OIL COOLER L/HENG	PR 17 TEMP AIR DLEED ID K/A STARTK	SP 13 TEMP PYO CIL INLET COOLER R/M	SP 14 TEMP MYO OIL OUTLET COOLER R/M	SP 15 FRQA AC GEN L/HENG	EC 00 TEMP AIR UNSTR CF ANTI ICE VL
16 57 45	7.55	LOW	66.	.207	0.000	.391	LOW	LOW	LOW	LOW	LOW	400.	249.
16 57 50	7.65	LOW	67.	.170	-.002	.375	LOW	LOW	LOW	LOW	LOW	400.	304.
16 57 55	7.75	LOW	91.	.210	-.024	.347	LOW	LOW	LOW	LOW	LOW	400.	314.
16 58 0	7.80	LOW	69.	.200	0.000	.369	LOW	LOW	LOW	LOW	LOW	400.	312.
16 58 5	7.85	LOW	88.	.176	0.000	.367	LOW	LOW	LOW	LOW	LOW	399.	307.
16 58 10	7.92	LOW	87.	.174	0.000	.359	LOW	LOW	LOW	LOW	LOW	400.	306.
16 58 15	7.90	LOW	87.	.210	0.000	.381	LOW	LOW	LOW	LOW	LOW	400.	305.
16 58 20	7.83	LOW	87.	.200	-.012	.384	LOW	LOW	LOW	LOW	LOW	400.	306.
16 58 25	7.50	LOW	91.	.205	-.029	.311	LOW	LOW	LOW	LOW	LOW	400.	307.
16 58 30	7.75	LOW	89.	.205	-.022	.359	LOW	LOW	LOW	LOW	LOW	400.	305.
16 58 35	7.90	LOW	87.	.225	.020	.380	LOW	LOW	LOW	LOW	LOW	400.	305.
16 58 40	7.56	LOW	88.	.196	-.022	.393	LOW	LOW	LOW	LOW	LOW	400.	305.
16 58 45	7.51	LOW	91.	.200	.015	.381	LOW	LOW	LOW	LOW	LOW	400.	301.
16 58 55	7.65	LOW	87.	.201	.012	.384	LOW	LOW	LOW	LOW	LOW	400.	301.
16 59 0	7.90	LOW	90.	.244	-.015	.396	LOW	LOW	LOW	LOW	LOW	400.	301.
16 59 5	7.75	LOW	88.	.232	-.002	.380	LOW	LOW	LOW	LOW	LOW	400.	299.
16 59 10	7.56	LOW	88.	.181	-.005	.347	LOW	LOW	LOW	LOW	LOW	400.	295.
16 59 15	7.65	LOW	93.	.186	-.002	.357	LOW	LOW	LOW	LOW	LOW	400.	289.
16 59 20	7.73	LOW	90.	.220	.010	.371	LOW	LOW	LOW	LOW	LOW	400.	296.
16 59 25	7.73	LOW	90.	.213	.015	.352	LOW	LOW	LOW	LOW	LOW	400.	297.
16 59 30	7.65	LOW	89.	.191	.039	.357	LOW	LOW	LOW	LOW	LOW	400.	293.
16 59 35	7.61	LOW	88.	.181	.020	.345	LOW	LOW	LOW	LOW	LOW	400.	293.
16 59 35	7.75	LOW	88.	.181	.020	.345	LOW	LOW	LOW	LOW	LOW	400.	293.
16 59 40	7.75	LOW	86.	.191	.005	.381	LOW	LOW	LOW	LOW	LOW	400.	293.
16 59 45	7.45	LOW	90.	.193	-.002	.354	LOW	LOW	LOW	LOW	LOW	400.	293.
16 59 50	7.41	LOW	89.	.203	-.002	.362	LOW	LOW	LOW	LOW	LOW	400.	296.
16 59 55	7.55	LOW	87.	.203	-.002	.354	LOW	LOW	LOW	LOW	LOW	400.	289.
17 00 0	7.55	LOW	87.	.203	.029	.381	LOW	LOW	LOW	LOW	LOW	400.	289.
17 00 5	7.03	LOW	86.	.198	.027	.376	LOW	LOW	LOW	LOW	LOW	400.	289.
17 01 23	11.65	LOW	76.	.254	.076	.347	LOW	LOW	LOW	LOW	LOW	400.	203.
17 02 28	10.93	LOW	82.	.289	.081	.347	LOW	LOW	LOW	LOW	LOW	400.	207.
17 03 33	10.50	LOW	89.	.191	.076	.295	LOW	LOW	LOW	LOW	LOW	400.	211.
17 03 39	10.57	LOW	89.	.213	.059	.296	LOW	LOW	LOW	LOW	LOW	400.	212.
17 04 44	9.20	LOW	87.	.205	.044	.230	LOW	LOW	LOW	LOW	LOW	400.	210.
17 04 49	9.75	LOW	87.	.235	.049	.176	LOW	LOW	LOW	LOW	LOW	400.	210.
17 05 54	9.80	LOW	86.	.191	.034	.263	LOW	LOW	LOW	LOW	LOW	400.	211.
17 05 59	9.06	LOW	86.	.205	.036	.266	LOW	LOW	LOW	LOW	LOW	400.	213.
17 06 4	9.90	LOW	87.	.225	.073	.327	LOW	LOW	LOW	LOW	LOW	400.	208.
17 06 9	9.53	LOW	87.	.235	.071	.325	LOW	LOW	LOW	LOW	LOW	400.	210.
17 06 14	7.55	LOW	86.	.279	.073	.300	LOW	LOW	LOW	LOW	LOW	400.	207.
17 06 19	7.55	LOW	85.	.222	.076	.300	LOW	LOW	LOW	LOW	LOW	400.	208.
17 06 32	7.95	LOW	86.	.210	-.005	.303	LOW	LOW	LOW	LOW	LOW	400.	210.
17 06 29	7.65	LOW	86.	.220	.037	.306	LOW	LOW	LOW	LOW	LOW	400.	210.
17 06 34	8.00	LOW	84.	.264	.034	.300	LOW	LOW	LOW	LOW	LOW	400.	207.
17 06 39	7.66	LOW	84.	.257	.036	.301	LOW	LOW	LOW	LOW	LOW	400.	209.
17 07 37	7.65	LOW	78.	.200	.073	.303	LOW	LOW	LOW	LOW	LOW	400.	212.
17 07 42	7.66	LOW	81.	.203	.054	.306	LOW	LOW	LOW	LOW	LOW	400.	210.
17 07 47	6.75	LOW	90.	.235	.058	.316	LOW	LOW	LOW	LOW	LOW	400.	206.
17 07 52	7.30	LOW	88.	.213	.036	.293	LOW	LOW	LOW	LOW	LOW	400.	211.
17 07 57	7.35	LOW	90.	.210	.076	.316	LOW	LOW	LOW	LOW	LOW	400.	211.

TIME M/M/S	CS ANGLE OF ATTACK (TRUE)	AF TEMP FUEL TRAP TANK HTA CENTR	AF 29 PRESS AIR COOLER OUTLET L/HENG	EC 31 UPSTRM JF WATR S P1255- P1256	EC 34 P125 CAJIN FLUM SUPPLY	EC 37 FLUMPA FMOIRN OF EQ 3AY PY151- PY152	EC 114 TEMP ENERGY GERAIR COOLING EXIT	AF 26 TEMP AIR INLET OIL COOLER L/HENG	P2 17 TEMP AIR BLEED TO K/M START	SP 13 TEMP HYD OIL INLET COOLER R/M	SF 14 TEMP HYD OIL OUTLET COOLER K/M	SP 15 FUEL AL GEN L/HENG	EC 66 TEMP AIR OWNSTR CF ANTI ICE VL
17 58 33	7.53	LOW	88.	.227	.076	.327	LOW	LOW	LOW	LOW	LOW	+90.	210.
17 58 38	7.75	LOW	86.	.283	.039	.352	LOW	LOW	LOW	LOW	LOW	+90.	212.
17 58 43	7.56	LOW	87.	.242	.046	.325	LOW	LOW	LOW	LOW	LOW	+90.	210.
17 58 48	7.60	LOW	87.	.196	.029	.327	LOW	LOW	LOW	LOW	LOW	+90.	209.
17 58 53	7.60	LOW	89.	.164	.015	.330	LOW	LOW	LOW	LOW	LOW	+90.	208.
17 58 58	7.55	LOW	96.	.132	0.000	.313	LOW	LOW	LOW	LOW	LOW	+90.	211.
17 59 3	7.58	LOW	88.	.139	.065	.325	LOW	LOW	LOW	LOW	LOW	+90.	210.
17 59 8	7.60	LOW	90.	.163	.020	.306	LOW	LOW	LOW	LOW	LOW	+90.	209.
17 59 13	7.60	LOW	89.	.108	-.010	.325	LOW	LOW	LOW	LOW	LOW	+90.	208.
17 59 18	7.40	LOW	84.	.122	.020	.357	LOW	LOW	LOW	LOW	LOW	+90.	207.
17 59 23	7.60	LOW	85.	.117	-.010	.325	LOW	LOW	LOW	LOW	LOW	+90.	210.
17 59 28	7.50	LOW	87.	.171	-.010	.352	LOW	LOW	LOW	LOW	LOW	+90.	208.
17 59 33	7.62	LOW	85.	.170	.029	.347	LOW	LOW	LOW	LOW	LOW	+90.	206.
17 59 38	7.40	LOW	89.	.191	.034	.347	LOW	LOW	LOW	LOW	LOW	+90.	206.
18 6 39	7.65	LOW	44.	.073	-.005	.152	LOW	LOW	LOW	LOW	LOW	+90.	176.
18 6 44	7.80	LOW	1.	-.068	-.064	-.045	LOW	LOW	LOW	LOW	LOW	+90.	136.
18 6 49	7.62	LOW	-2.	-.060	-.054	-.024	LOW	LOW	LOW	LOW	LOW	+90.	143.
18 6 54	7.70	LOW	-3.	-.137	-.024	-.044	LOW	LOW	LOW	LOW	LOW	+90.	146.
18 6 59	7.65	LOW	-2.	-.094	-.044	-.022	LOW	LOW	LOW	LOW	LOW	+90.	149.
18 7 4	7.75	LOW	-2.	-.049	-.029	-.010	LOW	LOW	LOW	LOW	LOW	+90.	153.
18 7 9	7.73	LOW	0.	-.054	-.049	-.034	LOW	LOW	LOW	LOW	LOW	+90.	152.
18 7 14	7.75	LOW	0.	-.103	-.068	-.039	LOW	LOW	LOW	LOW	LOW	+90.	144.
18 7 19	7.75	LOW	1.	-.081	-.073	-.032	LOW	LOW	LOW	LOW	LOW	+90.	149.
18 7 24	7.50	LOW	-6.	-.103	-.044	-.010	LOW	LOW	LOW	LOW	LOW	+90.	152.
18 7 29	7.53	LOW	-3.	-.081	-.044	-.022	LOW	LOW	LOW	LOW	LOW	+90.	152.
18 7 34	7.53	LOW	-3.	-.088	-.044	-.039	LOW	LOW	LOW	LOW	LOW	+90.	156.
18 7 39	7.55	LOW	-2.	-.098	-.044	-.046	LOW	LOW	LOW	LOW	LOW	+90.	157.
18 7 44	7.55	LOW	4.	-.049	-.058	-.011	LOW	LOW	LOW	LOW	LOW	+90.	156.
18 7 49	7.43	LOW	0.	-.068	-.049	-.044	LOW	LOW	LOW	LOW	LOW	+90.	156.
18 7 54	7.51	LOW	0.	-.093	-.054	-.039	LOW	LOW	LOW	LOW	LOW	+90.	151.
18 7 59	7.65	LOW	-1.	-.068	-.042	-.022	LOW	LOW	LOW	LOW	LOW	+90.	151.
18 8 4	7.65	LOW	-2.	-.049	-.049	0.000	LOW	LOW	LOW	LOW	LOW	+90.	158.
18 8 9	7.75	LOW	-2.	-.049	-.049	-.032	LOW	LOW	LOW	LOW	LOW	+90.	155.
18 8 14	7.75	LOW	-1.	-.068	-.054	-.032	LOW	LOW	LOW	LOW	LOW	+90.	156.
18 8 19	7.90	LOW	-1.	-.068	-.054	-.032	LOW	LOW	LOW	LOW	LOW	+90.	157.
18 8 24	7.75	LOW	-1.	-.068	-.054	-.032	LOW	LOW	LOW	LOW	LOW	+90.	137.
18 8 29	7.82	LOW	-2.	-.076	-.024	-.042	LOW	LOW	LOW	LOW	LOW	+90.	139.
18 8 34	7.76	LOW	-3.	-.066	-.032	-.042	LOW	LOW	LOW	LOW	LOW	+90.	139.
18 8 39	7.60	LOW	-1.	-.044	-.032	-.042	LOW	LOW	LOW	LOW	LOW	+90.	136.
18 8 44	7.60	LOW	-5.	-.152	-.098	-.071	LOW	LOW	LOW	LOW	LOW	+90.	137.
18 8 49	7.65	LOW	-7.	-.200	-.034	-.150	LOW	LOW	LOW	LOW	LOW	+90.	139.
18 8 54	8.15	LOW	-7.	-.184	-.100	-.139	LOW	LOW	LOW	LOW	LOW	+90.	140.
18 9 3	7.95	LOW	-7.	-.184	-.100	-.139	LOW	LOW	LOW	LOW	LOW	+90.	140.
18 9 8	7.65	LOW	-3.	-.186	-.083	-.173	LOW	LOW	LOW	LOW	LOW	+90.	137.
18 9 13	7.65	LOW	-6.	-.173	-.036	-.147	LOW	LOW	LOW	LOW	LOW	+90.	137.
18 9 18	7.70	LOW	-6.	-.103	-.054	-.025	LOW	LOW	LOW	LOW	LOW	+90.	131.
18 9 23	7.60	LOW	-3.	-.103	-.068	-.025	LOW	LOW	LOW	LOW	LOW	+90.	134.
18 9 28	7.55	LOW	-4.	-.122	-.058	-.025	LOW	LOW	LOW	LOW	LOW	+90.	130.
18 9 33	7.55	LOW	-4.	-.103	-.058	-.044	LOW	LOW	LOW	LOW	LOW	+90.	130.
18 9 38	7.60	LOW	-1.	-.104	-.039	-.035	LOW	LOW	LOW	LOW	LOW	+90.	136.
18 9 43	7.65	LOW	-3.	-.120	-.056	-.040	LOW	LOW	LOW	LOW	LOW	+90.	136.

TIME M/M/S	WS ANGLE OF ATTACK (TRUE)	AF TEMP FUEL TANK BTM CENTR	AF PRESS AIR OUTLET L/MENG	EQ 31 JPSRM JF MTR S P255- P256	EC 34 PRES CABIN FLOW SUPPLY	EC 37 FLO4PX FWDIRM OF EQ JAY PY181- PY132	EC 114 TEMP ENERGY SERVIR COOLING EXIT	AF 26 TEMP AIR INLET OIL COOLER L/MENG	PR 17 TEMP AIR BLEED TO R/H START	SP 13 TEMP HYD CIL INLET COOLER R/M	SP 14 TEMP HYD OIL OUTLET COOLER L/M	SP 15 FREM AL GEN L/MENG	EC 66 TEMP AIR UMSTR OF ANTI ICE VL
18 22 5	7.55	86.3	-1.	-0.76	-0.54	-0.025	89.	132.	193.	86.	66.	400.	134.
18 22 10	7.55	85.9	-1.	-0.71	-0.44	-0.04	90.	133.	187.	86.	65.	400.	132.
18 22 15	7.45	92.6	-6.	-0.93	-0.59	-0.54	89.	132.	193.	86.	66.	400.	130.
18 22 20	7.50	89.2	-5.	-0.76	-0.49	-0.37	89.	132.	192.	86.	66.	400.	130.
18 22 25	6.94	86.3	0.	-0.73	-0.49	-0.25	89.	134.	181.	86.	66.	400.	130.
18 22 30	7.42	86.9	-3.	-0.80	-0.46	-0.25	86.	133.	187.	86.	66.	400.	132.
18 22 35	7.60	85.6	-2.	-1.03	-0.39	-0.44	90.	133.	194.	86.	66.	400.	133.
18 22 40	7.75	86.3	-2.	-0.76	-0.46	-0.61	87.	132.	193.	86.	65.	400.	135.
18 22 45	7.50	86.9	0.	-0.83	-0.59	-0.59	91.	131.	194.	86.	67.	400.	136.
18 22 50	7.43	87.2	-2.	-0.54	-0.76	-0.35	91.	130.	193.	86.	67.	400.	136.
18 22 55	7.55	86.9	-2.	-0.34	-0.64	-0.05	90.	130.	190.	87.	66.	400.	131.
18 23 0	7.50	86.6	-1.	-0.53	-0.49	-0.04	90.	131.	189.	87.	67.	400.	131.

18

TIME	AF 39	AF 40	AF 41	AF 42
M/A/S	BULK HEAD FS47E D16F	LOW CAP HING PIVOT	HING PIVOT	FRAME FS770 D36F
17				
16 13 3	LOW	LOW	LOW	LOW
16 13 8	*300000.	*300000.	LOW	LOW
16 13 13	846.	846.	LOW	LOW
16 13 31	848.	848.	LOW	LOW
16 13 28	846.	846.	LOW	LOW
16 13 33	846.	846.	LOW	LOW
16 13 33	846.	846.	LOW	LOW
16 13 38	846.	846.	LOW	LOW
16 13 43	846.	846.	LOW	LOW
16 13 48	846.	846.	LOW	LOW
16 13 53	846.	846.	LOW	LOW
16 13 58	846.	846.	LOW	LOW
16 28 4	846.	846.	LOW	LOW
16 28 9	846.	846.	LOW	LOW
16 21 26	846.	846.	LOW	LOW
16 21 31	846.	846.	LOW	LOW
16 21 36	846.	846.	LOW	LOW
16 21 41	846.	846.	LOW	LOW
16 21 46	846.	846.	LOW	LOW
16 21 51	846.	846.	LOW	LOW
16 21 56	846.	846.	LOW	LOW
16 22 1	846.	846.	LOW	LOW
16 22 6	846.	846.	LOW	LOW
16 22 11	846.	846.	LOW	LOW
16 22 16	846.	846.	LOW	LOW
16 22 21	846.	846.	LOW	LOW
16 22 34	846.	846.	LOW	LOW
16 22 36	846.	846.	LOW	LOW
16 22 41	846.	846.	LOW	LOW
16 22 46	846.	846.	LOW	LOW
16 22 51	846.	846.	LOW	LOW
16 22 56	846.	846.	LOW	LOW
16 23 1	846.	846.	LOW	LOW
16 23 9	846.	846.	LOW	LOW
16 23 6	846.	846.	LOW	LOW
16 23 11	846.	846.	LOW	LOW
16 23 16	846.	846.	LOW	LOW
16 23 21	846.	846.	LOW	LOW
16 23 26	846.	846.	LOW	LOW
16 23 32	846.	846.	LOW	LOW
16 23 37	846.	846.	LOW	LOW
16 23 42	846.	846.	LOW	LOW
16 23 47	846.	846.	LOW	LOW
16 23 52	846.	846.	LOW	LOW
16 23 57	846.	846.	LOW	LOW

TIME H/M/S	AF 35 BLK HEAD FS-76 DEGF	AF 40 LOW CAP WING PIVOT	AF 41 WING PIVOT	AF 42 UP FRAME FS-770 DEGF
17				
16 38 34	842.	848.	LOW	LOW
16 38 39	846.	848.	LOW	LOW
16 38 44	846.	848.	LOW	LOW
16 38 49	846.	848.	LOW	LOW
16 38 54	846.	848.	LOW	LOW
16 38 59	846.	848.	LOW	LOW
16 39 4	846.	848.	LOW	LOW
16 39 9	846.	848.	LOW	LOW
16 39 14	846.	848.	LOW	LOW
16 39 19	846.	848.	LOW	LOW
16 39 24	846.	848.	LOW	LOW
16 39 29	846.	848.	LOW	LOW
16 39 34	846.	848.	LOW	LOW
16 39 39	846.	848.	LOW	LOW
16 39 44	846.	848.	LOW	LOW
16 39 49	846.	848.	LOW	LOW
16 39 54	846.	848.	LOW	LOW
16 40 4	846.	848.	LOW	LOW
16 40 9	846.	848.	LOW	LOW
16 40 14	846.	848.	LOW	LOW
16 40 19	846.	848.	LOW	LOW
16 40 24	846.	848.	LOW	LOW
16 40 29	846.	848.	LOW	LOW
16 40 34	846.	848.	LOW	LOW
16 40 39	846.	848.	LOW	LOW
16 40 44	846.	848.	LOW	LOW
16 40 49	846.	848.	LOW	LOW
16 41 4	846.	848.	LOW	LOW
16 41 9	846.	848.	LOW	LOW
16 41 14	846.	848.	LOW	LOW
16 41 19	846.	848.	LOW	LOW
16 41 24	846.	848.	LOW	LOW
16 41 29	846.	848.	LOW	LOW
16 41 34	846.	848.	LOW	LOW
16 41 39	846.	848.	LOW	LOW
16 41 44	846.	848.	LOW	LOW
16 41 49	846.	848.	LOW	LOW
16 42 4	846.	848.	LOW	LOW
16 42 9	846.	848.	LOW	LOW
16 42 14	846.	848.	LOW	LOW
16 42 19	846.	848.	LOW	LOW
16 42 24	846.	848.	LOW	LOW
16 42 29	846.	848.	LOW	LOW
16 42 34	846.	848.	LOW	LOW
16 42 39	846.	848.	LOW	LOW
16 42 44	846.	848.	LOW	LOW
16 42 49	846.	848.	LOW	LOW
16 43 4	846.	848.	LOW	LOW
16 43 9	846.	848.	LOW	LOW
16 43 14	846.	848.	LOW	LOW
16 43 19	846.	848.	LOW	LOW
16 43 24	846.	848.	LOW	LOW
16 43 29	846.	848.	LOW	LOW
16 43 34	846.	848.	LOW	LOW
16 43 39	846.	848.	LOW	LOW
16 43 44	846.	848.	LOW	LOW
16 43 49	846.	848.	LOW	LOW
16 44 4	846.	848.	LOW	LOW
16 44 9	846.	848.	LOW	LOW
16 44 14	846.	848.	LOW	LOW
16 44 19	846.	848.	LOW	LOW
16 44 24	846.	848.	LOW	LOW
16 44 29	846.	848.	LOW	LOW
16 44 34	846.	848.	LOW	LOW
16 44 39	846.	848.	LOW	LOW
16 44 44	846.	848.	LOW	LOW
16 44 49	846.	848.	LOW	LOW
16 45 4	846.	848.	LOW	LOW
16 45 9	846.	848.	LOW	LOW
16 45 14	846.	848.	LOW	LOW
16 45 19	846.	848.	LOW	LOW
16 45 24	846.	848.	LOW	LOW
16 45 29	846.	848.	LOW	LOW
16 45 34	846.	848.	LOW	LOW
16 45 39	846.	848.	LOW	LOW
16 45 44	846.	848.	LOW	LOW
16 45 49	846.	848.	LOW	LOW
16 46 4	846.	848.	LOW	LOW
16 46 9	846.	848.	LOW	LOW
16 46 14	846.	848.	LOW	LOW
16 46 19	846.	848.	LOW	LOW
16 46 24	846.	848.	LOW	LOW
16 46 29	846.	848.	LOW	LOW
16 46 34	846.	848.	LOW	LOW
16 46 39	846.	848.	LOW	LOW
16 46 44	846.	848.	LOW	LOW
16 46 49	846.	848.	LOW	LOW
16 47 4	846.	848.	LOW	LOW
16 47 9	846.	848.	LOW	LOW
16 47 14	846.	848.	LOW	LOW
16 47 19	846.	848.	LOW	LOW
16 47 24	846.	848.	LOW	LOW
16 47 29	846.	848.	LOW	LOW
16 47 34	846.	848.	LOW	LOW
16 47 39	846.	848.	LOW	LOW
16 47 44	846.	848.	LOW	LOW
16 47 49	846.	848.	LOW	LOW
16 48 4	846.	848.	LOW	LOW
16 48 9	846.	848.	LOW	LOW
16 48 14	846.	848.	LOW	LOW
16 48 19	846.	848.	LOW	LOW
16 48 24	846.	848.	LOW	LOW
16 48 29	846.	848.	LOW	LOW

TIME H/M/S	AF 35 BULK HEAD FS47L DEGF	AF 40 LUM CAP WING PIVOT	AF 41 4ING PIVOT	AF 42 UP FRAME FS770 JEGF
16 48 34	848.	848.	70.	92.
16 48 39	848.	848.	70.	91.
16 48 44	848.	848.	70.	86.
16 48 49	848.	848.	70.	86.
16 48 54	848.	848.	71.	95.
16 48 59	848.	848.	71.	97.
16 49 4	848.	848.	71.	87.
16 49 9	848.	848.	72.	80.
16 49 14	848.	848.	72.	87.
16 49 19	848.	848.	70.	80.
16 49 24	848.	848.	71.	83.
16 49 29	848.	848.	71.	85.
16 49 34	848.	848.	69.	87.
16 49 39	848.	848.	70.	85.
16 49 44	848.	848.	69.	86.
16 49 49	848.	848.	70.	88.
16 49 54	848.	848.	71.	86.
16 50 4	848.	848.	72.	86.
16 50 9	848.	848.	69.	90.
16 50 14	848.	848.	69.	88.
16 50 19	848.	848.	73.	85.
16 50 24	848.	848.	71.	86.
16 50 29	848.	848.	70.	84.
16 50 34	848.	848.	71.	86.
16 50 39	848.	848.	71.	85.
16 50 44	848.	848.	70.	85.
16 50 49	848.	848.	71.	83.
16 50 54	848.	848.	69.	86.
16 51 0	848.	848.	70.	84.
16 51 13	848.	848.	74.	82.
16 51 10	848.	848.	72.	83.
16 51 15	848.	848.	71.	87.
16 51 20	848.	848.	71.	86.
16 51 25	848.	848.	70.	90.
16 51 30	848.	848.	*000000, *000000	90.
16 51 35	848.	848.	LOW	LOW
16 51 40	848.	848.	LOW	LOW
16 51 45	848.	848.	LOW	LOW
16 51 50	848.	848.	LOW	LOW
16 51 55	848.	848.	LOW	LOW
16 52 0	848.	848.	LOW	LOW
16 52 5	848.	848.	LOW	LOW
16 52 10	848.	848.	LOW	LOW
16 52 15	848.	848.	LOW	LOW
16 52 20	848.	848.	LOW	LOW
16 52 25	848.	848.	LOW	LOW
16 52 30	848.	848.	LOW	LOW
16 52 35	848.	848.	LOW	LOW
16 52 40	848.	848.	LOW	LOW

TIME M/M/S	AF 35 BULK HFAU FS47C DEGF	AF 40 LOM CAP MING PIVOT	AF 41 MING PIVOT	AF 42 UP FRAME FS77C DEGF
16 52 45	848.	848.	LOM	LOM
16 52 45	848.	848.	LOM	LOM
16 52 50	848.	848.	LOM	LOM
16 52 55	848.	848.	LOM	LOM
16 53 00	848.	848.	LOM	LOM
16 53 13	848.	848.	LOM	LOM
16 53 16	848.	848.	LOM	LOM
16 53 21	848.	848.	LOM	LOM
16 53 26	848.	848.	LOM	LOM
16 53 31	848.	848.	LOM	LOM
16 53 36	848.	848.	LOM	LOM
16 53 41	848.	848.	LOM	LOM
16 53 46	848.	848.	LOM	LOM
16 53 51	848.	848.	LOM	LOM
16 53 56	848.	848.	LOM	LOM
16 54 01	848.	848.	LOM	LOM
16 54 06	848.	848.	LOM	LOM
16 54 11	848.	848.	LOM	LOM
16 54 16	848.	848.	LOM	LOM
16 54 21	848.	848.	LOM	LOM
16 54 26	848.	848.	LOM	LOM
16 54 31	848.	848.	LOM	LOM
16 54 36	848.	848.	LOM	LOM
16 54 41	848.	848.	LOM	LOM
16 54 46	848.	848.	LOM	LOM
16 54 51	848.	848.	LOM	LOM
16 54 56	848.	848.	LOM	LOM
16 55 01	848.	848.	LOM	LOM
16 55 06	848.	848.	LOM	LOM
16 55 09	848.	848.	LOM	LOM
16 55 19	848.	848.	LOM	LOM
16 55 24	848.	848.	LOM	LOM
16 55 29	848.	848.	LOM	LOM
16 55 34	848.	848.	LOM	LOM
16 55 39	848.	848.	LOM	LOM
16 55 49	848.	848.	LOM	LOM
16 55 54	848.	848.	LOM	LOM
16 55 59	848.	848.	LOM	LOM
16 56 09	848.	848.	LOM	LOM
16 56 14	848.	848.	LOM	LOM
16 56 19	848.	848.	LOM	LOM
16 56 24	848.	848.	LOM	LOM
16 56 30	848.	848.	LOM	LOM
16 56 35	848.	848.	LOM	LOM
16 56 40	848.	848.	LOM	LOM

TIME H/M/S	AF 35 BLK HEAD FS-7c DEGF	AF 40 LOM CAP WING PIVOT	AF 41 WING PIVOT	AF 42 UP FRAME FS770 DEGF
10 57 45	848.	848.	LOM	LOM
10 57 50	848.	848.	LOM	LOM
10 57 55	848.	848.	LOM	LOM
10 58 0	848.	848.	LOM	LOM
10 58 5	848.	848.	LOM	LOM
10 58 10	848.	848.	LOM	LOM
10 58 15	848.	848.	LOM	LOM
10 58 20	848.	848.	LOM	LOM
10 58 25	848.	848.	LOM	LOM
10 58 30	848.	848.	LOM	LOM
10 58 35	848.	848.	LOM	LOM
10 58 40	848.	848.	LOM	LOM
10 58 45	848.	848.	LOM	LOM
10 58 50	848.	848.	LOM	LOM
10 58 55	848.	848.	LOM	LOM
10 59 0	848.	848.	LOM	LOM
10 59 5	848.	848.	LOM	LOM
10 59 10	848.	848.	LOM	LOM
10 59 15	848.	848.	LOM	LOM
10 59 20	848.	848.	LOM	LOM
10 59 25	848.	848.	LOM	LOM
10 59 30	848.	848.	LOM	LOM
10 59 35	848.	848.	LOM	LOM
10 59 40	848.	848.	LOM	LOM
10 59 45	848.	848.	LOM	LOM
10 59 50	848.	848.	LOM	LOM
10 59 55	848.	848.	LOM	LOM
17 3 0	848.	848.	LOM	LOM
17 45 23	848.	848.	LOM	LOM
17 45 28	848.	848.	LOM	LOM
17 45 33	848.	848.	LOM	LOM
17 45 39	848.	848.	LOM	LOM
17 45 44	848.	848.	LOM	LOM
17 45 49	848.	848.	LOM	LOM
17 45 54	848.	848.	LOM	LOM
17 45 59	848.	848.	LOM	LOM
17 46 4	848.	848.	LOM	LOM
17 46 9	848.	848.	LOM	LOM
17 46 14	848.	848.	LOM	LOM
17 46 19	848.	848.	LOM	LOM
17 46 24	848.	848.	LOM	LOM
17 46 29	848.	848.	LOM	LOM
17 46 34	848.	848.	LOM	LOM
17 46 39	848.	848.	LOM	LOM
17 47 37	848.	848.	LOM	LOM
17 47 42	848.	848.	LOM	LOM
17 47 47	848.	848.	LOM	LOM
17 47 52	848.	848.	LOM	LOM
17 47 57	848.	848.	LOM	LOM

TIME H/M/S	AF 35 BLK HEAD FS470 DEGF	AF 40 LUM CAP 4ING PIVOT	AF 41 4ING PIVOT	AF 42 UP FRAME FS770 DISF
17 53 33	040.	048.	LOM	LOM
17 53 38	046.	048.	LOM	LOM
17 53 43	046.	048.	LOM	LOM
17 53 48	046.	048.	LOM	LOM
17 53 53	046.	048.	LOM	LOM
17 53 58	046.	048.	LOM	LOM
17 53 3	048.	048.	LOM	LOM
17 53 8	048.	048.	LOM	LOM
17 53 13	046.	048.	LOM	LOM
17 53 18	048.	048.	LOM	LOM
17 53 23	048.	048.	LOM	LOM
17 53 28	048.	048.	LOM	LOM
17 53 33	048.	048.	LOM	LOM
17 53 38	048.	048.	LOM	LOM
18 6 39	048.	048.	LOM	LOM
18 6 44	048.	048.	LOM	LOM
18 6 49	048.	048.	LOM	LOM
18 6 54	048.	048.	LOM	LOM
18 6 59	048.	048.	LOM	LOM
18 7 4	048.	048.	LOM	LOM
18 7 9	048.	048.	LOM	LOM
18 7 14	048.	048.	LOM	LOM
18 7 24	048.	048.	LOM	LOM
18 7 39	048.	048.	LOM	LOM
18 7 44	048.	048.	LOM	LOM
18 7 49	048.	048.	LOM	LOM
18 7 54	048.	048.	LOM	LOM
18 7 59	048.	048.	LOM	LOM
18 8 4	048.	048.	LOM	LOM
18 8 9	048.	048.	LOM	LOM
18 8 14	048.	048.	LOM	LOM
18 8 20	048.	048.	LOM	LOM
18 8 25	048.	048.	LOM	LOM
18 8 30	048.	048.	LOM	LOM
18 20 38	048.	048.	70.	112.
18 21 43	048.	048.	71.	112.
18 21 9	048.	048.	71.	112.
18 21 14	048.	048.	75.	117.
18 21 14	048.	048.	78.	122.
18 21 19	048.	048.	78.	123.
18 21 24	048.	048.	76.	121.
18 21 29	048.	048.	76.	119.
18 21 34	048.	048.	74.	117.
18 21 39	048.	048.	74.	117.
18 21 45	048.	048.	73.	114.
18 21 50	048.	048.	66.	115.
18 21 55	048.	048.	70.	116.
18 22 0	048.	048.	71.	116.

RUN 85-2 (85 DEGREES F), 18 MARCH 1972

Synopsis

This was the second test at 85 degrees F at maximum (near 100-percent) humidity. The test, simulating tropical ground operation, was performed after an overnight temperature soak and rainfall averaging 4 inches per hour for a total of 148.0 inches. The run was made without the rain and all went well until the military power check, when an ENG OIL HOT light illuminated. It was later found that the cooling ejector valves were not opening due to a wiring change (to enable aircraft operation in the hangar). The hot condition was experienced during high engine rpm periods. The wiring was connected and this eliminated the problem.

Inoperative Parameters

AF-5**	EC-62
AF-8	EC-65
AF-39	EC-68
AF-40	EC-87
EC-02	EC-91
EC-28	EC-92
EC-34 (change sign)	EC-99
EC-39	EC-100
EC-53	EC-101
EC-56	EC-102
PR-06	
PR-27A	
PR-29*	

Data Events (hr/min/sec)

<u>Data On</u>	<u>Data Off</u>	<u>Event</u>
130101	130229	Prestart soak data.
130411	131054	LH engine start from crossbleed.
131143	131459	ECS check at 85-percent rpm (part 1).
131512	131926	ECS check (part 2).
132224	132646	Flap, slat, wingsweep check.
134908	135129	CADC.
140313	140624	Run to military power and ENG OIL HOT light.
141429	141552	Stabilized idle power; hot light goes out.
141719	141819	Gear retraction.
143207	143314	Postflight checks.

*Intermittent.

**Functions, but is not linear.

Crossed feedback pressure lines to the 4-3 hot air control-stabilizer existed during these tests.

COMMUTATOR

TIME H/M/S	AF 1A INIT LANDING GEAR UP	AF 1B INIT LANDING GEAR DN	AF 2A POSITN MAIN LANDING GR UP	AF 2B POSITN MAIN LANDING GR DN	AF 3A POSITN VOSE LANDING JR UP	AF 3B POSITN NOSE LANDING GEAR DN	PR 03 TEMP TURBIN INLET ENGINE	CS 01 AIRSPO (TRUE)	CS 02 MACH NUMBER	CS 04 HEACHT ARCFT	IN 03 EVENT MARKER CAMERA SWITCH	IN 04 INT ENG START L+R	EC 02 RATE ALT PRESS
13 1 1	0	1	0	1	0	1	12.3	1.68	.0185	51.25	0	0	-311.
13 1 7	0	1	0	1	0	1	12.6	1.68	.0541	53.30	0	0	-621.
13 1 12	0	1	0	1	0	1	14.2	3.35	.0712	53.48	0	0	-308.
13 1 22	0	1	0	1	0	1	13.2	+0000.00	.0712	53.67	0	0	-427.
13 1 32	0	1	0	1	0	1	13.5	0.00	.0606	54.59	0	0	-621.
13 1 32	0	1	0	1	0	1	12.9	.04	.0554	54.59	0	0	-1007.
13 1 38	0	1	0	1	0	1	13.5	3.35	.0606	54.59	0	0	-308.
13 1 40	0	1	0	1	0	1	12.9	3.35	.0659	54.59	0	0	-427.
13 1 40	0	1	0	1	0	1	12.3	1.68	.0316	53.11	0	0	-233.
13 1 40	0	1	0	1	0	1	11.0	.04	.0580	53.05	0	0	-272.
13 1 50	0	1	0	1	0	1	13.5	3.35	.0070	54.59	0	0	-466.
13 2 3	0	1	0	1	0	1	12.9	4.19	.0659	53.67	0	0	-427.
13 2 8	0	1	0	1	0	1	12.3	3.35	.0343	54.59	0	0	-1593.
13 2 13	0	1	0	1	0	1	12.3	3.35	.0567	54.22	0	0	-1018.
13 2 18	0	1	0	1	0	1	12.3	3.35	.0730	53.05	0	0	-466.
13 2 23	0	1	0	1	0	1	12.3	3.35	.0725	53.48	0	0	-621.
13 2 29	0	1	0	1	0	1	11.6	LOW	.0581	54.22	0	0	-350.
13 4 11	0	1	0	1	0	1	12.3	+0000.00	.0500	54.77	0	0	-621.
13 4 11	0	1	0	1	0	1	12.9	1.68	.0712	51.27	0	1	-427.
13 4 16	0	1	0	1	0	1	12.3	1.66	.0659	51.64	0	1	-308.
13 4 21	0	1	0	1	0	1	12.3	LOW	.0396	49.43	0	1	-308.
13 4 26	0	1	0	1	0	1	12.6	+0000.00	.0330	112.35	0	1	-308.
13 4 31	0	1	0	1	0	1	12.9	0.00	.3105	326.60	0	1	-308.
13 4 44	0	1	0	1	0	1	13.5	2.51	.0659	325.90	0	1	-311.
13 4 42	0	1	0	1	0	1	14.2	3.35	.0633	315.74	0	1	-311.
13 4 47	0	1	0	1	0	1	13.2	1.68	.0422	328.55	0	1	-344.
13 4 52	0	1	0	1	0	1	11.8	0.00	.0527	324.19	0	1	-1553.
13 4 65	0	1	0	1	0	1	12.3	1.68	.0699	324.34	0	1	-893.
13 5 2	0	1	0	1	0	1	12.6	2.51	.0448	326.21	0	1	-311.
13 5 7	0	1	0	1	0	1	12.3	0.00	.0070	325.43	0	1	-311.
13 5 12	0	1	0	1	0	1	12.3	0.00	.0620	326.21	0	1	-427.
13 5 17	0	1	0	1	0	1	12.9	LOW	.1055	323.56	0	1	-544.
13 5 22	0	1	0	1	0	1	12.9	LOW	.0765	323.72	0	1	-505.
13 5 32	0	1	0	1	0	1	14.8	6.71	.0018	326.16	0	0	-544.
13 5 37	0	1	0	1	0	1	14.2	5.07	.0949	326.68	0	0	-505.
13 5 42	0	1	0	1	0	1	12.9	3.35	.0949	325.12	0	0	-505.
13 5 47	0	1	0	1	0	1	11.3	2.51	.0527	320.76	0	0	-466.
13 5 52	0	1	0	1	0	1	13.5	5.53	.0712	322.63	0	0	-233.
13 5 57	0	1	0	1	0	1	12.6	2.51	+0.0000	323.00	0	0	-155.
13 6 7	0	1	0	1	0	1	12.9	3.35	.1163	327.61	0	0	-427.
13 6 12	0	1	0	1	0	1	12.6	1.68	.1134	326.68	0	0	-308.
13 6 17	0	1	0	1	0	1	13.5	0.00	.0070	326.21	0	0	-308.
13 6 17	0	1	0	1	0	1	12.9	1.68	.0422	325.74	0	0	-308.

TIME H/M/S	AF 1A INIT LANDING GEAR UP	AF 1B INIT LANDING GEAR DN	AF 2A POSITN MAIN LANDING GEAR UP	AF 2B POSITN MAIN LANDING GEAR DN	AF 3A POSITN VOSE LANDING GEAR JP	AF 3B POSITN MOSE LANDING GEAR DN	PR 33 TEMP TURBIN INLET T15L/H ENGINE	CS 01 AIRSPD (TRUE)	CS 12 MACH NUMBER	CS 04 HEADING ACRFT	IN 03 EVENT MARKER CAMERA SWITCH	IN 04 INT ENG START L+R	EC 02 RATE ALT PRESS
13 6 22	0.	1.	0.	1.	0.	1.	13.9	3.35	.8400	324.97	0.	0.	-466.
13 6 27	0.	1.	0.	1.	0.	1.	13.5	3.35	.8422	326.99	0.	0.	-308.
13 6 32	0.	1.	0.	1.	0.	1.	12.9	1.60	.8475	326.86	0.	0.	-233.
13 6 37	0.	1.	0.	1.	0.	1.	13.5	LOW	.8390	327.38	0.	0.	-544.
13 6 47	0.	1.	0.	1.	0.	1.	11.6	*0000.00	.8448	326.43	0.	0.	-544.
13 6 47	0.	1.	0.	1.	0.	1.	12.3	3.35	.8818	324.81	0.	0.	-466.
13 6 52	0.	1.	0.	1.	0.	1.	12.6	3.35	.8804	325.74	0.	0.	-427.
13 6 57	0.	1.	0.	1.	0.	1.	13.5	LOW	.8659	328.95	0.	0.	-233.
13 7 2	0.	1.	0.	1.	0.	1.	13.5	*0000.00	.8541	328.43	0.	0.	-272.
13 7 7	0.	1.	0.	1.	0.	1.	14.2	1.60	.8686	324.19	0.	0.	-544.
13 7 12	0.	1.	0.	1.	0.	1.	13.9	3.35	.8738	324.65	0.	0.	-621.
13 7 18	0.	1.	0.	1.	0.	1.	13.5	3.35	.8738	325.43	0.	0.	-311.
13 7 23	0.	1.	0.	1.	0.	1.	13.9	2.51	.8633	325.74	0.	0.	-388.
13 7 28	0.	1.	0.	1.	0.	1.	12.9	1.60	.8363	324.50	0.	1.	-544.
13 7 33	0.	1.	0.	1.	0.	1.	13.2	2.51	.8527	324.34	0.	1.	-232.
13 7 38	0.	1.	0.	1.	0.	1.	13.5	6.00	.8316	324.81	0.	1.	-621.
13 7 43	0.	1.	0.	1.	0.	1.	14.2	5.03	.8541	322.79	0.	1.	-427.
13 7 48	0.	1.	0.	1.	0.	1.	14.2	1.60	.8501	325.74	0.	1.	-388.
13 7 53	0.	1.	0.	1.	0.	1.	11.9	2.51	.8554	325.74	0.	1.	-816.
13 7 58	0.	1.	0.	1.	0.	1.	16.0	3.35	.8097	326.19	0.	1.	-621.
13 8 3	0.	1.	0.	1.	0.	1.	236.4	2.51	.8699	326.19	0.	1.	-466.
13 8 8	0.	1.	0.	1.	0.	1.	562.6	3.35	.8738	326.19	0.	1.	-311.
13 8 13	0.	1.	0.	1.	0.	1.	562.0	1.60	.8593	325.98	0.	1.	-544.
13 8 18	0.	1.	0.	1.	0.	1.	498.8	1.60	.8607	324.58	0.	0.	-699.
13 8 23	0.	1.	0.	1.	0.	1.	479.2	2.51	.8725	324.65	0.	0.	-544.
13 8 28	0.	1.	0.	1.	0.	1.	485.4	LOW	.8633	326.68	0.	0.	-311.
13 8 33	0.	1.	0.	1.	0.	1.	489.0	0.00	.8791	324.65	0.	0.	-358.
13 8 38	0.	1.	0.	1.	0.	1.	493.9	0.00	.8686	323.86	0.	0.	-233.
13 8 43	0.	1.	0.	1.	0.	1.	498.2	3.00	.8633	324.34	0.	0.	-466.
13 8 48	0.	1.	0.	1.	0.	1.	503.1	0.00	.8422	325.12	0.	0.	-544.
13 8 53	0.	1.	0.	1.	0.	1.	508.6	*0000.00	.8514	326.81	0.	0.	-466.
13 9 3	0.	1.	0.	1.	0.	1.	508.6	LOW	.8686	322.94	0.	0.	-388.
13 9 8	0.	1.	0.	1.	0.	1.	509.9	*0000.00	.8554	325.28	0.	0.	-466.
13 9 13	0.	1.	0.	1.	0.	1.	516.0	3.35	.8659	326.66	0.	0.	-311.
13 9 18	0.	1.	0.	1.	0.	1.	517.2	2.51	.8620	326.21	0.	0.	-466.
13 9 23	0.	1.	0.	1.	0.	1.	517.2	0.00	.8500	323.88	0.	0.	-544.
13 9 28	0.	1.	0.	1.	0.	1.	519.8	0.00	.8475	324.81	0.	0.	-466.
13 9 33	0.	1.	0.	1.	0.	1.	519.7	3.35	.8818	324.81	0.	0.	-358.
13 9 38	0.	1.	0.	1.	0.	1.	522.1	3.35	.8543	325.19	0.	0.	-233.
13 9 43	0.	1.	0.	1.	0.	1.	522.7	3.35	.8607	326.68	0.	0.	-388.
13 9 48	0.	1.	0.	1.	0.	1.	523.4	3.35	.8599	325.43	0.	0.	-1553.
13 9 53	0.	1.	0.	1.	0.	1.	523.4	2.51	.8514	326.12	0.	0.	-1049.
13 9 59	0.	1.	0.	1.	0.	1.	523.4	1.60	.8686	325.43	0.	0.	-311.
13 10 4	0.	1.	0.	1.	0.	1.	526.6	3.35	.8605	325.43	0.	0.	-311.
13 10 9	0.	1.	0.	1.	0.	1.	527.0	3.35	.8605	324.19	0.	0.	-544.
13 10 22	0.	1.	0.	1.	0.	1.	526.4	1.60	.8659	324.65	0.	0.	-738.
13 11 19	0.	1.	0.	1.	0.	1.	528.6	5.03	.8873	324.81	0.	0.	-699.
13 11 24	0.	1.	0.	1.	0.	1.	528.2	5.03	.8765	325.43	0.	0.	-621.

TIME H/M/S	AF 1A INIT LANDING GEAR UP	AF 1B INIT LANDING GEAR DN	AF 2A POSITN MAIN LANDING GR UP	AF 2B POSITN MAIN LANDING GR DN	1F POSITN VOSE LANDING 5R JP	AF 3B POSITN NOSE LANDING GEAR DN	PR 03 TEMP TURBIN INLET TTSL/H ENGINE	CS 01 AIRSPD (TRUE)	CS 02 MACH NUMBER	CS 04 HEADING ARCRFT	IN 03 EVENT MARKER CAMERA SWITCH	IN 04 INT ENG START LOR	EC 02 RATE ALT PRESS
13 13 29	0.	1.	0.	1.	0.	1.	513.5	1.60	.0396	326.60	0.	0.	-544.
13 13 34	0.	1.	0.	1.	0.	1.	520.9	1.60	.0475	326.66	0.	0.	-585.
13 13 39	0.	1.	0.	1.	0.	1.	527.0	0.80	.0422	323.25	0.	0.	-621.
13 13 44	0.	1.	0.	1.	0.	1.	527.0	1.60	.0527	324.19	0.	0.	-585.
13 13 49	0.	1.	0.	1.	0.	1.	528.3	0.80	.0396	324.50	0.	0.	-311.
13 13 54	0.	1.	0.	1.	0.	1.	528.3	0.80	.0396	324.65	0.	0.	-272.
13 13 59	0.	1.	0.	1.	0.	1.	528.3	3.35	.0422	325.74	0.	0.	-346.
13 14 04	0.	1.	0.	1.	0.	1.	596.3	2.51	.0554	325.20	0.	0.	-388.
13 14 09	0.	1.	0.	1.	0.	1.	621.4	1.60	.0633	326.60	0.	0.	-544.
13 14 14	0.	1.	0.	1.	0.	1.	629.4	3.35	.0607	326.37	0.	0.	-583.
13 14 19	0.	1.	0.	1.	0.	1.	647.2	0.80	.0580	324.19	0.	0.	-777.
13 14 24	0.	1.	0.	1.	0.	1.	654.5	0.80	.0633	324.50	0.	0.	-1165.
13 14 29	0.	1.	0.	1.	0.	1.	681.5	1.60	.0531	321.35	0.	0.	-621.
13 14 34	0.	1.	0.	1.	0.	1.	686.4	2.51	.0554	328.86	0.	0.	-583.
13 14 39	0.	1.	0.	1.	0.	1.	695.0	5.03	.0633	327.30	0.	0.	-78.
13 14 44	0.	1.	0.	1.	0.	1.	696.2	3.35	.0580	326.83	0.	0.	-350.
13 14 49	0.	1.	0.	1.	0.	1.	698.6	0.80	.0607	325.12	0.	0.	-1553.
13 14 54	0.	1.	0.	1.	0.	1.	698.6	7.54	.0593	325.59	0.	0.	-1849.
13 14 59	0.	1.	0.	1.	0.	1.	702.3	0.80	.0422	325.43	0.	0.	-544.
13 15 04	0.	1.	0.	1.	0.	1.	702.3	1.60	.0501	325.43	0.	0.	-660.
13 15 09	0.	1.	0.	1.	0.	1.	703.5	3.35	.0810	323.68	0.	0.	-544.
13 15 14	0.	1.	0.	1.	0.	1.	702.3	2.51	.0738	326.37	0.	0.	-505.
13 15 19	0.	1.	0.	1.	0.	1.	701.1	3.35	.0765	325.43	0.	0.	-388.
13 15 24	0.	1.	0.	1.	0.	1.	701.1	3.35	.0725	325.30	0.	0.	-466.
13 15 29	0.	1.	0.	1.	0.	1.	702.3	3.35	.0844	324.19	0.	0.	-621.
13 15 34	0.	1.	0.	1.	0.	1.	700.5	1.60	.0444	326.17	0.	0.	-544.
13 15 39	0.	1.	0.	1.	0.	1.	700.5	2.51	.0514	326.13	0.	0.	-853.
13 15 44	0.	1.	0.	1.	0.	1.	706.0	5.03	.0765	326.16	0.	0.	-1010.
13 15 49	0.	1.	0.	1.	0.	1.	705.4	2.51	.0673	325.74	0.	0.	-544.
13 15 54	0.	1.	0.	1.	0.	1.	703.5	3.35	.0738	323.68	0.	0.	-544.
13 15 59	0.	1.	0.	1.	0.	1.	702.3	0.80	.0462	325.12	0.	0.	-738.
13 16 04	0.	1.	0.	1.	0.	1.	699.9	LOW	.0444	324.19	0.	0.	-466.
13 16 09	0.	1.	0.	1.	0.	1.	696.2	0.80	.0462	324.57	0.	0.	-388.
13 16 14	0.	1.	0.	1.	0.	1.	696.2	3.35	.0475	326.37	0.	0.	0.
13 16 19	0.	1.	0.	1.	0.	1.	696.2	5.03	.0580	325.39	0.	0.	-311.
13 16 24	0.	1.	0.	1.	0.	1.	695.6	5.03	.0607	325.74	0.	0.	-466.
13 16 29	0.	1.	0.	1.	0.	1.	695.6	5.03	.0396	326.60	0.	0.	-388.
13 16 34	0.	1.	0.	1.	0.	1.	698.6	3.35	.0444	326.16	0.	0.	-544.
13 16 39	0.	1.	0.	1.	0.	1.	699.9	3.35	.0501	326.21	0.	0.	-388.
13 16 44	0.	1.	0.	1.	0.	1.	699.9	3.35	.0533	326.37	0.	0.	-544.
13 16 49	0.	1.	0.	1.	0.	1.	703.5	LOW	.0580	325.50	0.	0.	-621.
13 16 54	0.	1.	0.	1.	0.	1.	701.1	0.80	.0623	326.60	0.	0.	-699.
13 16 59	0.	1.	0.	1.	0.	1.	698.6	3.35	.0666	325.12	0.	0.	-505.
13 17 04	0.	1.	0.	1.	0.	1.	698.6	3.35	.0593	325.74	0.	0.	-466.
13 17 09	0.	1.	0.	1.	0.	1.	698.6	1.60	.0765	324.81	0.	0.	-505.
13 17 14	0.	1.	0.	1.	0.	1.	699.3	2.51	.0680	324.86	0.	0.	-544.
13 17 19	0.	1.	0.	1.	0.	1.	699.9	3.35	.0607	324.50	0.	0.	-388.

TIME W/M/S	AF 14 INIT LANDING GEAR UP	AF 18 INIT LANDING GEAR DN	AF 2A POSITN MAIN LANDING GR UP	AF 2B POSITN MAIN LANDING GR DN	AF 3A POSITN NOSE LANDING GEAR UP	AF 3B POSITN NOSE LANDING GEAR DN	PR 03 TEMP TURBIN INLET TITSL/H ENGINE	CS 01 AIRSPD (TRUE)	CS 02 MACH NUMBER	CS 04 HEADING AIRCFT	IN 03 EVENT MARKER CAMERA SWITCH	IN 04 INT ENG STAKT L+R	EC 02 RATE ALT PRESS
13 15 19	0.	1.	0.	1.	0.	1.	699.3	1.68	.0607	325.28	0.	0.	-466.
13 15 24	0.	1.	0.	1.	0.	1.	697.4	0.00	.3501	326.68	0.	0.	-544.
13 15 29	0.	1.	0.	1.	0.	1.	696.8	1.68	.0554	326.06	0.	0.	-544.
13 15 34	0.	1.	0.	1.	0.	1.	696.2	1.68	.0607	326.99	0.	0.	-544.
13 15 39	0.	1.	0.	1.	0.	1.	696.8	0.04	.0765	325.98	0.	0.	-583.
13 15 44	0.	1.	0.	1.	0.	1.	696.2	1.68	.0503	325.74	0.	0.	-388.
13 15 50	0.	1.	0.	1.	0.	1.	695.6	0.04	.0646	325.74	0.	0.	-466.
13 15 55	0.	1.	0.	1.	0.	1.	699.9	1.68	.3607	325.74	0.	0.	-466.
13 16 00	0.	1.	0.	1.	0.	1.	697.4	2.51	.0607	325.58	0.	0.	-427.
13 16 05	0.	1.	0.	1.	0.	1.	700.5	16.77	.0396	327.38	0.	0.	-621.
13 16 10	0.	1.	0.	1.	0.	1.	703.3	10.06	.3462	326.21	0.	0.	-583.
13 16 15	0.	1.	0.	1.	0.	1.	698.6	3.35	.0818	324.81	0.	0.	-621.
13 16 20	0.	1.	0.	1.	0.	1.	698.0	3.35	.0673	324.97	0.	0.	-583.
13 16 25	0.	1.	0.	1.	0.	1.	698.6	3.35	.0818	324.81	0.	0.	-388.
13 16 30	0.	1.	0.	1.	0.	1.	697.4	2.51	.3686	325.74	0.	0.	-544.
13 16 35	0.	1.	0.	1.	0.	1.	695.0	1.68	.0448	324.50	0.	0.	-388.
13 16 40	0.	1.	0.	1.	0.	1.	696.8	1.68	.0462	325.12	0.	0.	-505.
13 16 50	0.	1.	0.	1.	0.	1.	697.4	1.68	.3527	326.99	0.	0.	-388.
13 16 55	0.	1.	0.	1.	0.	1.	698.6	1.68	.0554	326.06	0.	0.	-466.
13 17 00	0.	1.	0.	1.	0.	1.	693.7	0.00	.0501	326.99	0.	0.	-544.
13 17 05	0.	1.	0.	1.	0.	1.	698.6	1.68	.0581	326.11	0.	0.	-544.
13 17 10	0.	1.	0.	1.	0.	1.	699.3	2.51	.0607	324.50	0.	0.	-544.
13 17 15	0.	1.	0.	1.	0.	1.	698.6	1.68	.0554	325.43	0.	0.	-466.
13 17 20	0.	1.	0.	1.	0.	1.	695.2	0.04	.0607	326.21	0.	0.	-699.
13 17 25	0.	1.	0.	1.	0.	1.	693.7	1.68	.0607	324.81	0.	0.	-544.
13 17 30	0.	1.	0.	1.	0.	1.	694.4	3.35	.0581	325.59	0.	0.	-583.
13 17 35	0.	1.	0.	1.	0.	1.	696.2	0.00	.0501	325.12	0.	0.	-466.
13 17 40	0.	1.	0.	1.	0.	1.	693.1	0.04	.0488	325.28	0.	0.	-585.
13 17 50	0.	1.	0.	1.	0.	1.	690.1	1.68	.0712	325.43	0.	0.	-233.
13 17 55	0.	1.	0.	1.	0.	1.	692.5	0.04	.0712	326.37	0.	0.	-311.
13 18 00	0.	1.	0.	1.	0.	1.	690.6	0.00	.0923	325.43	0.	0.	-854.
13 18 05	0.	1.	0.	1.	0.	1.	703.5	0.04	.3791	325.43	0.	0.	-777.
13 18 10	0.	1.	0.	1.	0.	1.	696.2	1.68	.3818	325.43	0.	0.	-544.
13 18 15	0.	1.	0.	1.	0.	1.	697.4	1.68	.0770	325.43	0.	0.	-621.
13 18 20	0.	1.	0.	1.	0.	1.	696.8	1.68	.0607	326.37	0.	0.	-466.
13 18 26	0.	1.	0.	1.	0.	1.	698.6	0.04	.0554	325.74	0.	0.	-505.
13 18 31	0.	1.	0.	1.	0.	1.	699.3	3.35	.3607	324.81	0.	0.	-699.
13 18 36	0.	1.	0.	1.	0.	1.	697.4	4.19	.0501	325.12	0.	0.	-544.
13 18 41	0.	1.	0.	1.	0.	1.	693.7	0.00	.0738	325.12	0.	0.	-544.
13 18 46	0.	1.	0.	1.	0.	1.	696.2	0.04	.0725	325.43	0.	0.	-544.
13 18 51	0.	1.	0.	1.	0.	1.	696.2	5.03	.0607	323.88	0.	0.	-699.
13 18 56	0.	1.	0.	1.	0.	1.	695.6	3.35	.0607	324.97	0.	0.	-583.
13 19 01	0.	1.	0.	1.	0.	1.	695.0	0.00	.0580	324.19	0.	0.	-466.
13 19 06	0.	1.	0.	1.	0.	1.	699.9	0.00	.0503	323.88	0.	0.	-358.
13 19 11	0.	1.	0.	1.	0.	1.	697.4	0.00	.3527	325.43	0.	0.	-777.
13 19 16	0.	1.	0.	1.	0.	1.	696.8	0.00	.0475	326.21	0.	0.	-738.
13 19 21	0.	1.	0.	1.	0.	1.	669.0	9.22	.0449	325.12	0.	0.	-388.
13 19 26	0.	1.	0.	1.	0.	1.	669.0	9.22	.0593	325.28	0.	0.	-505.

TIME M/H/S	AF 1A INIT LANDING GEAR UP	AF 1B INIT LANDING GEAR DN	AF 2A POSITN MAIN LANDING GR UP	AF 2B POSITN MAIN LANDING GR DN	AF 3A POSITN NOSE -ANONG 3R UP	AF 3B POSITN NOSE LANDING GEAR DN	PR 03 TURBIN INLET TTSL/M ENGINE	CS 01 AIRSPD (TRUE)	CS 02 MACH NUMBER	CS 04 WEADING AIRCFT	IN 03 EVENT MARKER CAMERA SWITCH	IN 04 INT ENG START L+R	EC 02 RATE ALT PRESS
13 19 26	0.	1.	0.	1.	0.	1.	552.0	1.60	.0396	323.56	0.	0.	-699.
13 22 24	0.	1.	0.	1.	0.	1.	540.5	1.60	.0514	324.50	0.	0.	-699.
13 22 34	0.	1.	0.	1.	0.	1.	524.0	3.35	.0501	324.94	0.	0.	-544.
13 22 34	0.	1.	0.	1.	0.	1.	525.2	3.35	.0593	324.65	0.	0.	-621.
13 22 39	0.	1.	0.	1.	0.	1.	525.0	1.60	.0712	324.12	0.	0.	-544.
13 22 44	0.	1.	0.	1.	0.	1.	525.2	.84	.0593	323.43	0.	0.	-583.
13 22 49	0.	1.	0.	1.	0.	1.	524.6	0.00	.0659	325.12	0.	0.	-544.
13 22 54	0.	1.	0.	1.	0.	1.	524.6	0.00	.0633	324.81	0.	0.	-583.
13 22 59	0.	1.	0.	1.	0.	1.	522.1	1.60	.0396	324.68	0.	0.	0.
13 23 04	0.	1.	0.	1.	0.	1.	523.4	1.60	.0554	325.59	0.	0.	-777.
13 23 10	0.	1.	0.	1.	0.	1.	523.4	0.00	.0633	325.74	0.	0.	-311.
13 23 15	0.	1.	0.	1.	0.	1.	525.2	.84	.0633	324.97	0.	0.	-932.
13 23 25	0.	1.	0.	1.	0.	1.	524.6	3.35	.0730	325.12	0.	0.	-544.
13 23 30	0.	1.	0.	1.	0.	1.	524.6	3.35	.0633	325.59	0.	0.	-583.
13 23 35	0.	1.	0.	1.	0.	1.	523.4	0.00	.0633	324.19	0.	0.	-466.
13 23 40	0.	1.	0.	1.	0.	1.	508.6	0.00	.0646	325.12	0.	0.	-505.
13 23 45	0.	1.	0.	1.	0.	1.	523.4	0.00	.9554	324.81	0.	0.	-854.
13 23 50	0.	1.	0.	1.	0.	1.	510.5	0.00	.0567	324.81	0.	0.	-621.
13 23 55	0.	1.	0.	1.	0.	1.	525.0	0.00	.0580	324.81	0.	0.	-544.
13 24 00	0.	1.	0.	1.	0.	1.	524.6	0.00	.0403	325.90	0.	0.	-621.
13 24 05	0.	1.	0.	1.	0.	1.	520.9	1.60	.0396	325.43	0.	0.	-544.
13 24 10	0.	1.	0.	1.	0.	1.	521.5	2.51	.0541	325.43	0.	0.	-583.
13 24 15	0.	1.	0.	1.	0.	1.	524.6	3.35	.0791	325.43	0.	0.	-621.
13 24 20	0.	1.	0.	1.	0.	1.	524.0	3.35	.0633	324.65	0.	0.	-621.
13 24 25	0.	1.	0.	1.	0.	1.	523.4	5.03	.0712	325.43	0.	0.	-621.
13 24 30	0.	1.	0.	1.	0.	1.	522.1	3.35	.0725	325.74	0.	0.	-621.
13 24 35	0.	1.	0.	1.	0.	1.	518.5	1.60	.0475	323.56	0.	0.	-699.
13 24 40	0.	1.	0.	1.	0.	1.	520.3	.84	.0527	325.12	0.	0.	-621.
13 24 45	0.	1.	0.	1.	0.	1.	523.4	0.00	.0501	324.37	0.	0.	-777.
13 24 50	0.	1.	0.	1.	0.	1.	522.1	3.35	.0541	325.59	0.	0.	-699.
13 24 55	0.	1.	0.	1.	0.	1.	522.1	2.51	.0730	326.37	0.	0.	-544.
13 25 00	0.	1.	0.	1.	0.	1.	493.9	LOW	.0730	325.90	0.	0.	-505.
13 25 05	0.	1.	0.	1.	0.	1.	493.9	LOW	.0730	323.00	0.	0.	-544.
13 25 10	0.	1.	0.	1.	0.	1.	493.9	LOW	.0673	324.50	0.	0.	-544.
13 25 15	0.	1.	0.	1.	0.	1.	519.7	0.00	.0501	325.43	0.	0.	-699.
13 25 20	0.	1.	0.	1.	0.	1.	520.9	0.00	.0646	326.06	0.	0.	-621.
13 25 25	0.	1.	0.	1.	0.	1.	523.4	0.00	.0608	323.40	0.	0.	-621.
13 25 30	0.	1.	0.	1.	0.	1.	520.3	1.62	.0725	324.19	0.	0.	-544.
13 25 35	0.	1.	0.	1.	0.	1.	531.9	0.00	.0607	326.66	0.	0.	-621.
13 25 40	0.	1.	0.	1.	0.	1.	526.3	0.00	.0607	324.00	0.	0.	-621.
13 25 45	0.	1.	0.	1.	0.	1.	523.4	LOW	.0554	324.61	0.	0.	-544.
13 25 50	0.	1.	0.	1.	0.	1.	524.0	0.00	.0607	325.12	0.	0.	-544.
13 25 55	0.	1.	0.	1.	0.	1.	522.1	3.35	.0791	324.81	0.	0.	-544.
13 26 00	0.	1.	0.	1.	0.	1.	522.1	2.51	.0646	324.50	0.	0.	-544.
13 26 05	0.	1.	0.	1.	0.	1.	518.5	0.00	.0475	326.66	0.	0.	-621.
13 26 10	0.	1.	0.	1.	0.	1.	520.3	1.60	.0593	325.90	0.	0.	-621.
13 26 15	0.	1.	0.	1.	0.	1.	524.6	0.00	.0646	324.81	0.	0.	-593.
13 26 20	0.	1.	0.	1.	0.	1.	525.0	.84	.0501	325.43	0.	0.	-621.
13 26 25	0.	1.	0.	1.	0.	1.	523.4	3.35	.0606	325.74	0.	0.	-777.

TIME H/M/S	AF 1A INIT LANDING GEAR UP	AF 1B INIT LANDING GEAR DN	AF 2A POSITN MAIN LANDING GR UP	AF 2B POSITN MAIN LANDING GR DN	AF 3A POSITN NOSE LANDING GEAR DN	PR 03 TEMP TURBIN INLET T15L/H ENGINE	CS 01 AIRSPD (TRUE)	CS 02 MACH NUMBER	CS 04 HEADING A/CRAFT	IN 03 EVENT MARKER CAMERA SWITCH	IN 04 INIT ENG START L+R	EC 02 RATE ALT PRESS
13 26 26	0.	1.	0.	1.	1.	529.5	0.38	.0620	325.26	0.	0.	-621.
13 26 31	0.	1.	0.	1.	1.	524.6	0.00	.0078	325.74	0.	0.	-466.
13 26 36	0.	1.	0.	1.	1.	524.8	1.68	.0699	324.65	0.	0.	-505.
13 26 41	0.	1.	0.	1.	1.	523.4	LOW	.0686	327.30	0.	0.	-544.
13 26 46	0.	1.	0.	1.	1.	522.1	.0000.00	.0673	326.37	0.	0.	-503.
13 49 0	0.	1.	0.	1.	1.	517.2	1.68	.0618	327.38	0.	0.	-777.
13 49 13	0.	1.	0.	1.	1.	519.7	321.70	.4297	326.99	0.	0.	19612.
13 49 23	0.	1.	0.	1.	1.	525.8	731.55	.9160	325.74	0.	0.	40000.
13 49 30	0.	1.	0.	1.	1.	525.8	783.96	.9372	324.65	0.	0.	40000.
13 49 33	0.	1.	0.	1.	1.	531.9	949.45	1.2194	323.56	0.	0.	40000.
13 49 38	0.	1.	0.	1.	1.	529.5	1007.72	1.3512	324.65	0.	0.	40000.
13 49 43	0.	1.	0.	1.	1.	513.5	1187.39	1.7171	325.12	0.	0.	40000.
13 49 48	0.	1.	0.	1.	1.	515.6	1248.11	1.6742	324.81	0.	0.	79.
13 49 53	0.	1.	0.	1.	1.	518.5	1327.13	2.3044	325.43	0.	0.	-233.
13 49 58	0.	1.	0.	1.	1.	516.6	1328.88	2.3791	324.97	0.	0.	-233.
13 50 3	0.	1.	0.	1.	1.	528.3	1318.81	2.3844	324.81	0.	0.	-311.
13 50 8	0.	1.	0.	1.	1.	522.7	1322.14	2.0977	327.61	0.	0.	737056.
13 50 18	0.	1.	0.	1.	1.	514.8	1333.79	1.6812	326.59	0.	0.	LOW
13 50 23	0.	1.	0.	1.	1.	517.2	936.18	.2004	327.30	0.	0.	LOW
13 50 28	0.	1.	0.	1.	1.	522.1	142.51	.1978	326.52	0.	0.	LOW
13 50 33	0.	1.	0.	1.	1.	521.5	131.61	.1530	328.66	0.	0.	LOW
13 50 38	0.	1.	0.	1.	1.	524.6	90.54	.1292	327.15	0.	0.	LOW
13 50 43	0.	1.	0.	1.	1.	525.8	61.31	.0712	325.12	0.	0.	LOW
13 50 48	0.	1.	0.	1.	1.	528.6	43.59	.3554	325.74	0.	0.	LOW
13 50 54	0.	1.	0.	1.	1.	522.1	24.31	.0844	323.48	0.	0.	-621.
13 51 4	0.	1.	0.	1.	1.	524.6	LOW	.0620	323.72	0.	0.	-1007.
13 51 9	0.	1.	0.	1.	1.	513.5	0.00	.0316	326.05	0.	0.	-233.
13 51 14	0.	1.	0.	1.	1.	517.2	74.61	.1209	325.74	0.	0.	11104.
13 51 19	0.	1.	0.	1.	1.	517.2	152.57	.2347	327.38	0.	0.	-466.
13 51 24	0.	1.	0.	1.	1.	517.2	158.86	.2344	326.37	0.	0.	-358.
13 51 29	0.	1.	0.	1.	1.	517.2	79.80	.0976	326.37	0.	0.	LOW
14 3 13	0.	1.	0.	1.	1.	517.8	42.75	.0804	325.19	0.	0.	737456.
14 3 18	0.	1.	0.	1.	1.	524.6	1.35	.0976	327.61	0.	0.	-954.
14 3 23	0.	1.	0.	1.	1.	530.1	3.35	.0778	326.52	0.	0.	-1204.
14 3 28	0.	1.	0.	1.	1.	571.2	1.68	.0527	327.38	0.	0.	-1007.
14 3 33	0.	1.	0.	1.	1.	582.2	1.68	.0422	326.21	0.	0.	-932.
14 3 38	0.	1.	0.	1.	1.	617.7	0.00	.0363	324.19	0.	0.	-854.
14 3 43	0.	1.	0.	1.	1.	633.7	.84	.0448	323.88	0.	0.	-893.
14 3 48	0.	1.	0.	1.	1.	676.6	LOW	.0712	325.74	0.	0.	-544.
14 3 53	0.	1.	0.	1.	1.	607.6	.0000.00	.0804	324.81	0.	0.	-777.
14 4 3	0.	1.	0.	1.	1.	13.4	1.68	.0659	325.74	0.	0.	-777.
14 4 8	0.	1.	0.	1.	1.	722.5	1.68	.0620	325.74	0.	0.	-777.
14 4 13	0.	1.	0.	1.	1.	742.9	1.68	.0897	323.88	0.	0.	-388.
14 4 18	0.	1.	0.	1.	1.	753.2	.84	.0620	324.65	0.	0.	-621.
14 4 23	0.	1.	0.	1.	1.	785.9	LOW	.0607	326.27	0.	0.	-777.
14 4 28	0.	1.	0.	1.	1.	796.7	.0000.00	.0725	325.59	0.	0.	-777.
14 4 33	0.	1.	0.	1.	1.	827.4	3.35	.0810	325.43	0.	0.	-777.
14 4 38	0.	1.	0.	1.	1.	836.5	2.51	.0646	325.12	0.	0.	-1165.

TIME H/M/S	AF 1A INIT LANDING GEAR UP	AF 1B INIT LANDING GEAR DN	AF 2A POSITN MAIN LANDING GR UP	AF 2B POSITN MAIN LANDING GR DN	AF 3A POSITN NOSE LANDING GR UP	AF 3B POSITN NOSE LANDING GEAR DN	FR 03 TEMP TURBIM INLET ITSL/H ENGINE	CS 01 AIRSPD (TRUE)	CS 02 YACH NUMBER	CS 04 HEADING ARCFT	IN 03 EVENT MARKER CAMERA SWITCH	IN 04 INT ENG START L+R	EC 02 RATE ALT PRESS
14 4 29	0.	1.	0.	1.	0.	1.	866.6	3.35	.0580	324.50	0.	0.	-544.
14 4 34	0.	1.	0.	1.	0.	1.	861.3	3.35	.0580	324.81	0.	0.	-583.
14 4 39	0.	1.	0.	1.	0.	1.	921.7	0.00	.0580	322.94	0.	0.	-854.
14 4 44	0.	1.	0.	1.	0.	1.	937.7	0.00	.0581	324.34	0.	0.	-699.
14 4 49	0.	1.	0.	1.	0.	1.	992.8	3.35	.0607	325.43	0.	0.	-388.
14 4 54	0.	1.	0.	1.	0.	1.	1016.1	2.51	.0620	325.43	0.	0.	-272.
14 4 59	0.	1.	0.	1.	0.	1.	1073.7	3.35	.0396	324.81	0.	0.	-233.
14 5 4	0.	1.	0.	1.	0.	1.	1073.0	2.51	.0580	325.28	0.	0.	-388.
14 5 9	0.	1.	0.	1.	0.	1.	1081.1	3.35	.0554	326.06	0.	0.	-932.
14 5 14	0.	1.	0.	1.	0.	1.	1081.7	2.51	.0712	326.21	0.	0.	-544.
14 5 19	0.	1.	0.	1.	0.	1.	1083.5	3.35	.0475	324.50	0.	0.	-699.
14 5 24	0.	1.	0.	1.	0.	1.	1082.9	3.35	.0527	324.97	0.	0.	-932.
14 5 29	0.	1.	0.	1.	0.	1.	1083.5	1.68	.0620	326.37	0.	0.	-699.
14 5 34	0.	1.	0.	1.	0.	1.	1084.8	0.00	.0620	326.37	0.	0.	-699.
14 5 39	0.	1.	0.	1.	0.	1.	1086.0	0.00	.0686	324.50	0.	0.	-544.
14 5 44	0.	1.	0.	1.	0.	1.	1085.4	1.68	.0673	324.81	0.	0.	-544.
14 5 49	0.	1.	0.	1.	0.	1.	1087.2	3.35	.0554	326.06	0.	0.	-544.
14 5 54	0.	1.	0.	1.	0.	1.	981.8	3.35	.0607	325.43	0.	0.	-1018.
14 5 59	0.	1.	0.	1.	0.	1.	689.2	LOM	.0501	323.25	0.	0.	-932.
14 6 9	0.	1.	0.	1.	0.	1.	650.2	*0000.00	.0541	324.97	0.	0.	-854.
14 6 19	0.	1.	0.	1.	0.	1.	687.9	1.68	.0633	325.12	0.	0.	-544.
14 6 24	0.	1.	0.	1.	0.	1.	597.5	2.51	.0580	325.28	0.	0.	-466.
14 6 29	0.	1.	0.	1.	0.	1.	577.3	3.35	.0712	325.12	0.	0.	-777.
14 6 34	0.	1.	0.	1.	0.	1.	572.4	2.51	.0620	325.90	0.	0.	-699.
14 6 39	0.	1.	0.	1.	0.	1.	557.7	0.00	.0659	324.81	0.	0.	-699.
14 6 44	0.	1.	0.	1.	0.	1.	548.5	0.00	.0554	325.74	0.	0.	-544.
14 6 49	0.	1.	0.	1.	0.	1.	546.0	3.35	.0633	325.74	0.	0.	-621.
14 6 54	0.	1.	0.	1.	0.	1.	519.1	2.51	.0633	327.30	0.	0.	-621.
14 6 59	0.	1.	0.	1.	0.	1.	513.5	LOM	.0818	325.43	0.	0.	-699.
14 7 1	0.	1.	0.	1.	0.	1.	517.2	*0000.00	.0593	326.37	0.	0.	-699.
14 7 11	0.	1.	0.	1.	0.	1.	523.4	3.35	.0606	325.43	0.	0.	-932.
14 7 16	0.	1.	0.	1.	0.	1.	522.1	1.68	.0607	325.12	0.	0.	-738.
14 7 21	0.	1.	0.	1.	0.	1.	522.1	3.35	.0731	325.43	0.	0.	-699.
14 7 26	0.	1.	0.	1.	0.	1.	522.1	0.00	.0646	325.43	0.	0.	-699.
14 7 31	0.	1.	0.	1.	0.	1.	522.1	0.00	.0527	325.74	0.	0.	-621.
14 7 36	0.	1.	0.	1.	0.	1.	522.1	0.00	.0580	324.19	0.	0.	-668.
14 7 41	0.	1.	0.	1.	0.	1.	522.1	0.00	.0686	324.50	0.	0.	-621.
14 7 46	0.	1.	0.	1.	0.	1.	520.9	0.00	.0752	324.50	0.	0.	-621.
14 7 51	0.	1.	0.	1.	0.	1.	520.9	0.00	.0765	324.50	0.	0.	-466.
14 7 56	0.	1.	0.	1.	0.	1.	520.9	0.00	.0620	324.81	0.	0.	-544.
14 8 1	0.	1.	0.	1.	0.	1.	520.9	0.00	.0527	323.56	0.	0.	-621.
14 8 11	0.	1.	0.	1.	0.	1.	524.6	*0000.00	.0567	324.50	0.	0.	-271.
14 8 16	0.	1.	0.	1.	0.	1.	514.8	3.35	.0607	325.74	0.	0.	-699.
14 8 21	0.	1.	0.	1.	0.	1.	513.5	2.51	.0607	324.19	0.	0.	-699.
14 8 26	0.	1.	0.	1.	0.	1.	514.8	LOM	.0527	326.06	0.	0.	-699.
14 8 31	0.	1.	0.	1.	0.	1.	515.4	*0000.00	.0567	326.37	0.	0.	-777.
14 8 36	0.	1.	0.	1.	0.	1.	514.8	LOM	.0369	326.59	0.	0.	-544.
14 8 41	0.	1.	0.	1.	0.	1.	504.4	*0000.00	.0475	326.37	0.	0.	-699.
14 8 46	0.	1.	0.	1.	0.	1.	517.2	1.68	.0580	326.06	0.	0.	-544.

TIME H/M/S	AF 1A INIT LANDING GEAR UP	AF 1B INIT LANDING GEAR DN	AF 2A POSITN MAIN LANDING GR UP	AF 2B POSITN MAIN LANDING GR DN	1F 3A POSITN VOSE LANDING 5R JP	AF 3B POSITN NOSE LANDING GEAR DN	PR 03 TEMP TURBIN INLET ITS/LH ENGINE	CS 01 AIRSPD (TRUE)	CS 02 MACH NUMBER	CS 04 HEADING ANGRT	IN 03 EVENT MARKER CAMERA SWITCH	IN 04 INIT ENG START L+R	EC 02 RATE ALT PRESS
14 17 59	0.	1.	0.	0.	1.	0.	515.4	2.51	.0712	325.59	0.	0.	-585.
14 18 4	0.	1.	0.	1.	0.	1.	518.5	1.60	.0527	325.74	0.	0.	-300.
14 18 9	0.	1.	0.	1.	0.	1.	515.4	.04	.0673	325.20	0.	0.	-465.
14 18 14	0.	1.	0.	1.	0.	1.	514.8	3.35	.0687	324.01	0.	0.	-300.
14 18 19	0.	1.	0.	1.	0.	1.	513.5	3.35	.0712	324.97	0.	0.	-585.
14 32 7	0.	1.	0.	1.	0.	1.	367.7	1.60	.0738	319.20	0.	0.	-854.
14 32 13	0.	1.	0.	1.	0.	1.	346.2	1.68	.0804	322.47	0.	0.	-730.
14 32 18	0.	1.	0.	1.	0.	1.	316.2	1.68	.0633	326.37	0.	0.	-699.
14 32 23	0.	1.	0.	1.	0.	1.	319.3	.04	.0356	326.03	0.	0.	-816.
14 32 28	0.	1.	0.	1.	0.	1.	372.6	0.00	.0079	327.38	0.	0.	-699.
14 32 33	0.	1.	0.	1.	0.	1.	381.2	2.51	.0237	326.59	0.	0.	-730.
14 32 39	0.	1.	0.	1.	0.	1.	394.6	0.00	.0818	327.61	0.	0.	-544.
14 32 44	0.	1.	0.	1.	0.	1.	395.9	0.00	.0646	326.37	0.	0.	-730.
14 32 49	0.	1.	0.	1.	0.	1.	397.1	0.00	.0791	327.30	0.	0.	-699.
14 32 54	0.	1.	0.	1.	0.	1.	396.3	0.00	.00.0000	325.74	0.	0.	-730.
14 32 59	0.	1.	0.	1.	0.	1.	390.3	0.00	0.0003	324.19	0.	0.	-699.
14 33 4	0.	1.	0.	1.	0.	1.	397.7	7.54	.00.0000	324.03	0.	0.	-699.
14 33 9	0.	1.	0.	1.	0.	1.	394.6	1.68	L04	325.83	0.	0.	-699.
14 33 14	0.	1.	0.	1.	0.	1.	394.6	1.68	.00.0000	324.19	0.	0.	-699.

B COMMUTATOR

TIME H/M/S	EC 03 TEMP RAM AF	EC 22 POSITN TEMP CONTROL	EC 62 POSITN PRIMARY RAM EXIT DOOR	AF TOTAL FUEL QNTY	PR 05 POSITN NOZZLE L/MENG	PR 06 POSITN THROIL L/MENG	FC 01 POSITN FLAP	FC 02 POSITN WING SWEEP	FC 03 POSITN SPEED BRAKE DOOR
13 1 1	36.62	4.46	29.326	16167.	0.000	LOM	0.000	16.25	21.83
13 1 7	32.93	4.02	29.326	15181.	0.000	LOM	0.000	16.26	21.40
13 1 12	30.29	4.46	29.326	16055.	0.000	LOM	0.000	16.26	21.76
13 1 22	29.57	3.93	29.277	16101.	0.000	LOM	0.000	16.26	21.07
13 1 22	30.29	3.39	29.228	15055.	0.000	LOM	0.000	16.25	21.84
13 1 32	30.53	4.02	29.130	15151.	0.000	LOM	0.000	16.25	21.88
13 1 32	31.25	4.64	29.228	15963.	0.000	LOM	0.000	16.26	21.47
13 1 38	30.77	4.29	29.228	16055.	0.000	LOM	0.000	16.44	21.58
13 4 10	36.77	4.64	29.326	15855.	0.000	LOM	0.000	16.26	21.82
13 4 10	38.77	4.02	29.277	16055.	0.000	LOM	0.000	16.44	21.76
13 4 50	36.77	3.57	29.130	16147.	0.000	LOM	0.000	16.25	21.88
13 4 50	30.29	3.57	29.130	16147.	0.000	LOM	0.000	16.26	21.79
13 2 3	30.77	4.64	29.228	16229.	0.000	LOM	0.000	16.26	21.88
13 4 2	28.85	4.55	29.179	15181.	0.000	LOM	0.000	16.25	21.94
13 2 13	30.77	4.11	29.130	16055.	0.000	LOM	0.000	16.27	21.76
13 2 18	30.77	3.75	29.881	16101.	0.000	LOM	0.000	16.27	21.79
13 2 23	30.77	4.46	29.619	16055.	0.000	LOM	0.000	16.26	21.47
13 2 29	31.01	4.38	29.374	16059.	0.000	LOM	0.000	16.26	21.53
13 4 11	29.33	4.11	29.832	15321.	0.36	LOM	0.000	16.28	21.79
13 4 11	29.01	5.10	29.801	15275.	0.40	LOM	0.000	16.27	21.73
13 4 16	30.29	4.29	29.832	15138.	0.36	LOM	0.000	16.26	21.83
13 4 21	30.29	3.40	29.832	15138.	0.36	LOM	0.000	16.27	21.83
13 4 26	30.77	3.04	29.228	15138.	0.36	LOM	0.000	16.26	22.03
13 4 31	30.77	3.66	29.983	14833.	0.45	LOM	0.000	16.27	21.88
13 4 44	30.29	2.06	29.832	15229.	0.54	LOM	0.000	16.27	21.79
13 4 42	30.29	3.13	29.130	15138.	0.49	LOM	0.000	16.26	21.73
13 4 47	30.29	4.46	29.130	15138.	0.16	LOM	0.000	16.27	21.47
13 4 52	28.61	4.29	29.983	15138.	0.27	LOM	0.000	16.28	21.53
13 4 65	29.01	6.25	29.832	15229.	0.54	LOM	0.000	16.20	21.87
13 5 2	29.01	4.73	29.130	15138.	0.45	LOM	0.000	16.20	21.61
13 5 7	31.25	4.29	29.935	15138.	0.45	LOM	0.000	16.26	21.64
13 5 12	30.05	4.11	29.983	15138.	0.49	LOM	0.000	16.44	21.79
13 5 17	31.25	5.00	29.423	14954.	0.63	LOM	0.000	16.25	21.64
13 5 22	30.77	3.44	29.374	15046.	0.49	LOM	0.000	16.25	21.73
13 5 27	26.52	2.60	28.837	15046.	0.45	LOM	0.000	16.27	21.64
13 5 32	28.05	3.40	28.837	15046.	0.40	LOM	0.000	16.28	21.64
13 5 37	29.61	4.46	29.832	15046.	0.27	LOM	0.000	16.20	21.58
13 5 42	29.57	3.66	28.739	15229.	0.36	LOM	0.000	16.20	21.53
13 5 47	29.61	6.25	29.130	15229.	0.54	LOM	0.000	16.20	21.58
13 5 52	30.05	5.09	29.179	15229.	0.36	LOM	0.000	16.27	21.70
13 5 57	30.77	5.54	29.228	15046.	0.63	LOM	0.000	16.27	21.70
13 6 2	28.65	4.91	29.130	15092.	0.49	LOM	0.000	16.27	21.67
13 6 7	30.29	4.29	29.130	15096.	0.000	LOM	0.000	16.27	21.58
13 6 12	30.29	3.21	29.832	15642.	0.000	LOM	0.000	16.27	21.53
13 6 17	30.29	2.50	29.130	15672.	0.000	LOM	0.000	16.54	21.82

TIME H/M/S	EC 03 TEMP RAM AF	EC 22 TEMP CONTRL	EC 62 POSITN PRIMRY L/M EXIT DOOR F	AF FUEL QNTY	PR 05 POSITN NOZZLE L/MENG	PR 06 POSITN THRSTL L/MENG	FC 01 POSITN FLAP	FC 02 POSITN MING SWEEP	FC 03 POSITN SPEED BRAKE DOOR
13 6 22	30.29	3.30	28.832	15026.	0.000	LOW	0.000	16.40	21.76
13 6 27	29.81	1.79	29.228	15055.	0.000	LOW	0.000	16.26	21.70
13 6 32	30.29	1.52	29.228	15026.	0.000	LOW	0.000	16.26	21.73
13 6 37	30.29	2.50	28.446	15055.	0.000	LOW	0.000	16.25	21.47
13 6 47	30.29	2.05	28.983	15063.	0.000	LOW	0.000	16.25	21.53
13 6 47	30.29	1.96	29.228	15055.	0.000	LOW	0.000	16.26	21.64
13 6 52	30.29	2.50	28.739	15055.	0.000	LOW	0.000	16.27	21.56
13 6 57	30.29	4.29	29.032	15063.	0.000	LOW	0.000	16.26	21.53
13 7 2	30.25	3.75	29.881	15063.	0.000	LOW	0.000	16.26	21.61
13 7 7	32.21	4.29	28.837	15063.	0.000	LOW	0.000	16.27	21.64
13 7 12	31.49	3.75	28.837	15059.	0.000	LOW	0.000	16.27	21.64
13 7 18	30.77	3.57	28.837	15072.	0.000	LOW	0.000	16.26	21.58
13 7 23	30.77	3.57	28.837	15072.	0.000	LOW	0.000	16.27	21.64
13 7 28	29.81	2.14	28.935	15055.	0.000	LOW	0.000	16.27	21.58
13 7 33	30.05	33.93	29.032	15055.	0.000	LOW	0.360	16.27	21.61
13 7 38	29.61	64.45	28.935	15053.	0.000	LOW	0.300	16.26	21.76
13 7 43	30.77	65.09	29.032	15055.	0.000	LOW	0.000	16.26	21.76
13 7 48	30.29	64.02	28.935	15072.	0.000	LOW	0.000	16.28	21.47
13 7 53	28.61	64.11	21.592	15917.	0.000	LOW	0.000	16.27	21.56
13 7 58	32.21	63.21	29.118	16338.	0.000	LOW	0.000	16.25	21.70
13 8 3	31.25	64.29	29.032	16147.	0.000	LOW	0.000	16.26	21.78
13 8 8	30.29	65.54	28.543	15072.	0.000	LOW	0.000	16.25	21.58
13 8 13	29.81	64.38	28.837	15072.	0.000	LOW	0.000	16.25	21.70
13 8 18	30.29	64.29	29.138	15063.	0.000	LOW	0.000	16.27	21.76
13 8 23	30.29	64.38	28.983	16338.	0.000	LOW	0.000	16.27	21.70
13 8 28	30.77	65.18	28.935	15063.	0.000	LOW	0.000	16.27	21.64
13 8 33	30.29	64.38	29.081	15063.	0.000	LOW	0.000	16.27	21.67
13 8 38	29.33	63.21	29.032	16147.	0.000	LOW	0.300	16.25	21.64
13 8 43	29.57	61.86	29.032	16009.	0.000	LOW	0.300	16.25	21.64
13 8 48	29.53	63.75	29.032	15963.	0.000	LOW	0.300	16.26	21.70
13 8 53	29.57	64.30	29.081	15963.	0.000	LOW	0.300	16.26	21.50
13 8 58	19.22	64.42	28.739	16147.	0.000	LOW	0.000	16.26	21.64
13 9 3	26.76	64.82	28.739	16101.	0.000	LOW	0.000	16.26	21.70
13 9 8	30.29	65.36	28.837	15688.	0.000	LOW	0.000	16.26	21.64
13 9 13	30.29	64.29	28.837	15788.	0.000	LOW	0.000	16.25	21.70
13 9 23	30.29	68.36	29.138	16055.	0.000	LOW	0.000	16.26	21.76
13 9 28	30.65	60.89	28.983	16009.	0.000	LOW	0.000	16.26	21.73
13 9 28	30.77	62.50	28.935	16055.	0.000	LOW	0.000	16.26	21.64
13 9 33	30.29	62.23	28.837	16009.	0.000	LOW	0.000	16.25	21.67
13 9 38	29.81	62.86	28.837	15788.	0.000	LOW	0.000	16.25	21.67
13 9 43	30.29	62.50	28.888	15826.	0.000	LOW	0.000	16.26	21.70
13 9 48	28.92	63.84	29.138	15872.	0.000	LOW	0.000	16.26	21.67
13 9 53	28.13	61.79	29.081	15917.	0.000	LOW	0.000	16.26	21.70
13 9 59	30.29	62.32	29.138	15963.	0.000	LOW	0.000	16.26	21.58
13 10 4	30.13	62.66	28.788	15788.	0.000	LOW	0.000	16.26	21.47
13 10 9	30.29	60.16	28.788	15788.	0.000	LOW	0.000	16.26	21.56
13 10 22	30.29	61.61	28.983	15688.	0.000	LOW	0.000	16.26	21.64
13 10 19	29.33	61.25	28.837	15963.	0.000	LOW	0.000	16.26	21.64
13 10 24	29.33	61.25	28.788	15917.	0.000	LOW	0.000	16.27	21.67

TIME W/M/S	EC TEMP RAM AR	EC 22 POSITN TEMP CONTRL	EC 62 POSITN PRIMRY RAM EXIT DOOR F	AF 4 TOTAL FUEL QNTY	PR 05 POSITN NOZZLE L/HENG	PR 06 POSITN THROTL L/HENG	FC 01 POSITN FLAP	FC 02 POSITN WING SNEEP	FC 03 POSITN SPEED BRAKE DOOR
13 10 29	29.33	62.86	28.832	1597.	0.000	LOW	0.000	16.26	21.70
13 10 34	29.57	62.86	28.983	15330.	0.000	LOW	0.000	16.26	21.70
13 10 39	30.29	61.79	28.739	15780.	0.000	LOW	0.000	16.25	21.64
13 10 44	30.85	61.52	28.935	15826.	0.000	LOW	0.000	16.25	21.67
13 10 49	29.33	60.89	28.832	16697.	0.000	LOW	0.000	16.26	21.70
13 10 54	29.33	61.34	28.935	16376.	0.000	LOW	0.000	16.25	21.70
13 11 43	29.33	61.96	29.130	15780.	0.000	LOW	0.000	16.25	21.70
13 11 48	29.69	61.70	28.983	15872.	0.000	LOW	0.000	16.25	21.70
13 11 53	29.81	61.43	28.739	15688.	0.000	LOW	0.000	16.26	21.70
13 11 58	29.57	61.43	28.788	15788.	0.000	LOW	0.000	16.27	21.61
13 12 3	28.85	62.14	28.739	15688.	0.000	LOW	0.000	16.26	21.70
13 12 8	31.01	62.14	28.788	15688.	0.000	LOW	0.000	16.25	21.67
13 12 13	19.23	61.87	28.739	15596.	0.000	LOW	0.000	16.26	21.70
13 12 18	25.24	61.43	28.739	15550.	0.000	LOW	0.000	16.26	21.67
13 12 20	28.85	57.68	28.935	15688.	0.000	LOW	0.000	16.25	21.76
13 12 28	29.19	59.64	28.886	15642.	0.000	LOW	0.000	16.26	21.73
13 12 38	29.33	61.79	28.739	15596.	0.000	LOW	0.000	16.26	21.58
13 12 48	29.69	56.88	28.837	15596.	0.000	LOW	0.000	16.26	21.53
13 12 43	29.33	58.36	28.935	15688.	0.000	LOW	0.000	16.25	21.70
13 12 48	28.13	26.88	28.923	15505.	0.000	LOW	0.000	16.26	21.67
13 12 53	29.33	3.57	28.739	15596.	0.000	LOW	0.000	16.27	21.64
13 12 58	29.33	3.57	28.788	15459.	0.000	LOW	0.000	16.26	21.64
13 13 3	29.33	2.32	28.739	14862.	0.000	LOW	0.000	16.26	21.70
13 13 9	29.69	2.59	28.495	15183.	0.000	LOW	0.000	16.52	21.70
13 13 14	29.81	100.00	28.543	15596.	0.000	LOW	0.000	16.25	21.73
13 13 19	29.19	100.00	28.739	15642.	0.000	LOW	0.000	16.25	21.58
13 13 24	28.85	100.00	28.837	15596.	0.000	LOW	0.000	16.26	21.70
13 13 29	28.61	100.00	28.886	15550.	0.000	LOW	0.300	16.26	21.73
13 13 34	27.40	100.00	28.446	15872.	0.000	LOW	0.300	16.22	21.94
13 13 39	28.61	100.00	28.495	15780.	0.000	LOW	0.000	16.23	21.85
13 13 44	30.29	66.07	29.326	15321.	0.000	LOW	0.000	16.26	21.64
13 13 49	30.77	LOW	29.228	15413.	0.000	LOW	0.300	16.25	21.73
13 13 54	30.53	LOW	29.228	15138.	0.000	LOW	0.000	16.20	21.47
13 13 59	27.06	0.00	28.983	15138.	0.000	LOW	0.300	16.65	21.44
13 14 4	27.64	0.000	28.299	15505.	0.000	LOW	0.000	16.26	21.76
13 14 9	28.85	0.00	28.641	15321.	0.000	LOW	0.000	16.25	21.73
13 14 14	28.85	0.000	28.495	15367.	0.000	LOW	0.000	16.29	21.58
13 14 19	28.85	0.000	28.495	15367.	0.000	LOW	0.000	16.28	21.67
13 14 24	27.40	0.00	28.250	15872.	0.000	LOW	0.000	16.23	21.94
13 14 29	30.15	0.000	28.495	15688.	0.000	LOW	0.000	16.25	21.85
13 14 34	28.85	LOW	28.739	15595.	0.000	LOW	0.000	16.25	21.58
13 14 39	28.85	LOW	28.641	15505.	0.000	LOW	0.300	16.25	21.61
13 14 44	29.81	LOW	29.130	15321.	0.000	LOW	0.000	16.25	21.70
13 14 49	29.57	0.000	29.032	15321.	0.000	LOW	0.300	16.25	21.70
13 14 54	28.37	1.96	28.739	15413.	0.000	LOW	0.000	16.25	21.79
13 14 59	26.37	2.23	28.592	15367.	0.000	LOW	0.000	16.25	21.70
13 15 12	23.81	2.14	28.739	15321.	0.000	LOW	0.000	16.27	21.70
13 15 14	29.33	2.14	28.788	15229.	0.000	LOW	0.000	16.26	21.70
13 15 19	20.37	86.79	28.446	15413.	0.000	LOW	0.000	16.24	22.29

TIME H/M/S	EC 03 TEMP RAM AR	EC 22 POSITN TEMP CUNTRL	EC 62 POSITN PRIMRY RAM EXIT DOOR F	AF TOTAL FUEL QNTY	PR 05 POSITN NOZZLE - / HENG	PR 06 POSITN THRUTL L/HENG	FC 01 POSITN FLAP	FC 02 POSITN WING SNEEP	FC 03 POSITN SPEED BRAKE DOOR
13 15 19	28.61	93.30	28.641	15321.	0.000	LOW	0.000	16.25	21.97
13 15 24	27.88	99.29	28.446	15138.	0.000	LOW	0.000	16.25	21.64
13 15 29	28.61	99.64	28.543	15183.	0.000	LOW	0.000	16.26	21.70
13 15 34	28.85	100.00	28.739	15229.	0.000	LOW	0.000	16.26	21.70
13 15 39	28.85	100.00	28.935	15275.	0.000	LOW	0.000	16.26	21.70
13 15 44	29.32	2.64	28.935	15321.	0.000	LOW	0.000	16.26	21.70
13 15 50	29.57	1.34	28.837	15275.	0.000	LOW	0.000	16.26	21.70
13 15 55	28.85	LOW	29.832	15505.	0.000	LOW	0.000	16.26	21.67
13 16 0	29.09	LOW	28.739	15367.	0.000	LOW	0.000	16.25	21.76
13 16 5	28.37	LOW	28.739	15138.	0.000	LOW	0.000	16.25	21.79
13 16 10	27.64	LOW	28.641	15229.	0.000	LOW	0.000	16.26	21.47
13 16 15	29.33	LOW	28.739	15138.	0.000	LOW	0.000	16.27	21.56
13 16 20	29.09	LOW	28.641	15138.	0.000	LOW	0.000	16.26	21.47
13 16 25	28.65	LOW	28.837	15862.	0.000	LOW	0.000	16.26	21.47
13 16 30	29.19	LOW	28.788	15862.	0.000	LOW	0.000	16.25	21.70
13 16 35	30.77	LOW	28.641	15138.	0.000	LOW	0.000	16.25	21.70
13 16 40	29.81	0000.00	28.592	15892.	0.000	LOW	0.000	16.25	21.76
13 16 53	28.05	LOW	28.837	15138.	0.000	LOW	0.000	16.26	21.73
13 16 58	28.85	0000.00	28.641	15138.	0.000	LOW	0.000	16.25	21.70
13 56 55	27.28	.89	28.837	15229.	0.000	LOW	0.000	16.25	21.67
13 17 0	28.37	1.61	28.837	15163.	0.000	LOW	0.000	16.25	21.67
13 17 5	28.85	1.25	28.543	15846.	0.000	LOW	0.000	16.26	21.70
13 17 10	28.61	1.70	28.592	14954.	0.000	LOW	0.000	16.25	21.70
13 17 15	29.81	99.46	28.446	15138.	0.000	LOW	0.000	16.26	21.67
13 17 20	29.57	99.73	28.592	15892.	0.000	LOW	0.000	16.26	21.64
13 17 25	29.33	99.62	29.521	15138.	0.000	LOW	0.000	16.25	21.67
13 17 30	29.05	99.91	29.130	15846.	0.000	LOW	0.000	16.25	21.67
13 17 35	29.33	100.00	28.739	14771.	0.000	LOW	0.000	16.26	21.70
13 17 40	28.61	100.00	28.788	14771.	0.000	LOW	0.000	16.26	21.64
13 17 50	28.85	LOW	28.837	14954.	0.000	LOW	0.000	16.25	21.64
13 17 55	29.33	LOW	28.788	14941.	0.000	LOW	0.000	16.25	21.64
13 17 59	28.85	0.00	28.837	14941.	0.000	LOW	0.000	16.25	21.64
13 18 0	28.61	0.00	28.837	14725.	0.000	LOW	0.000	16.26	21.64
13 18 5	28.85	LOW	28.543	15138.	0.000	LOW	0.000	16.25	21.64
13 18 10	28.85	LOW	28.543	15046.	0.000	LOW	0.000	16.26	21.64
13 18 15	28.65	0.00	28.739	15846.	0.000	LOW	0.000	16.26	21.67
13 18 20	28.61	0000.00	28.592	15888.	0.000	LOW	0.000	16.26	21.64
13 18 26	28.85	LOW	28.543	14882.	0.000	LOW	0.000	16.26	21.64
13 18 31	28.85	LOW	28.592	14882.	0.000	LOW	0.000	16.26	21.64
13 18 36	28.37	LOW	28.739	15846.	0.000	LOW	0.000	16.26	21.64
13 18 41	28.13	LOW	28.837	15846.	0.000	LOW	0.000	16.26	21.64
13 18 46	29.33	LOW	28.641	14771.	0.000	LOW	0.000	16.26	21.53
13 18 51	29.33	0000.00	28.641	14771.	0.000	LOW	0.000	16.26	21.61
13 18 56	28.85	57.32	28.935	14771.	0.000	LOW	0.000	16.25	21.70
13 19 1	28.65	57.41	28.935	14817.	0.000	LOW	0.000	16.25	21.70
13 19 6	29.33	58.04	28.837	14954.	0.000	LOW	0.000	16.26	21.50
13 19 11	28.85	58.13	28.641	14988.	0.000	LOW	0.000	16.44	21.64
13 19 16	29.33	57.21	29.728	14954.	0.000	LOW	0.000	16.25	21.64
13 19 21	28.65	57.95	28.886	14941.	0.000	LOW	0.000	16.25	21.64

02

TIME H/M/S	EC 03 TEMP RAM AK	EC 22 POSITN TEMP CONTRL	EC 62 POSITN PRIMRY RAM EXIT DOOR F	AF TOTAL FUEL QNTY	PR 05 POSITN VOZZLE L/HENG	PR 06 POSITN THROTL L/HENG	FC 01 PUSHN FLAP	FC 02 POSITN WING SWEEP	FL 03 POSITN SPEED BRAKE DOOR
13 19 26	29.33	57.14	28.543	14771.	0.000	LOW	0.000	16.25	21.70
13 22 24	28.37	73.75	28.543	14679.	0.000	LOW	8.044	16.25	21.67
13 22 34	32.21	90.00	28.541	14495.	0.000	LOW	33.410	16.25	21.00
13 22 34	36.53	90.27	28.543	14404.	0.000	LOW	33.449	16.26	21.76
13 22 39	28.37	90.71	28.543	14495.	0.000	LOW	34.111	16.25	21.47
13 22 44	28.61	90.36	28.495	14495.	0.000	LOW	33.877	16.25	21.56
13 22 49	28.65	90.09	28.641	14435.	0.000	LOW	33.955	16.25	21.64
13 22 54	28.05	90.00	28.543	1417.	0.000	LOW	33.838	16.25	21.67
13 22 59	27.66	90.71	28.543	14287.	0.000	LOW	33.480	16.25	21.70
13 23 4	27.00	90.98	28.592	14241.	0.000	LOW	33.410	16.25	21.67
13 23 10	27.40	91.07	28.543	14495.	0.000	LOW	20.871	16.26	21.70
13 23 15	27.64	90.62	28.543	14312.	0.000	LOW	18.224	16.26	21.67
13 23 20	26.92	90.16	28.543	14495.	0.000	LOW	18.000	16.26	21.70
13 23 25	27.02	90.09	28.495	14441.	0.000	LOW	0.000	16.25	21.70
13 23 30	27.7	90.54	28.641	14495.	0.000	LOW	6.114	16.25	21.70
13 23 35	28.13	90.54	28.690	14495.	0.000	LOW	18.991	16.25	21.73
13 23 40	27.66	91.07	28.543	14587.	0.000	LOW	3.466	16.26	21.64
13 23 45	28.13	90.71	28.543	14495.	0.000	LOW	18.981	16.26	21.67
13 23 50	27.40	91.07	28.739	14587.	0.000	LOW	13.979	16.26	21.70
13 23 55	27.60	91.07	28.739	14541.	0.000	LOW	22.117	16.26	21.64
13 24 0	26.37	91.25	28.348	14495.	0.000	LOW	24.960	16.25	21.58
13 24 5	26.37	90.98	28.397	14679.	0.000	LOW	33.468	16.26	21.47
13 24 10	26.37	90.71	28.739	14120.	0.000	LOW	33.994	16.26	21.56
13 24 15	26.37	90.63	28.690	14495.	0.000	LOW	34.500	16.27	21.54
13 24 20	26.65	91.61	28.543	14495.	0.000	LOW	31.981	16.27	21.67
13 24 25	28.61	90.36	28.299	14587.	0.000	LOW	24.298	LOW	21.70
13 24 30	26.37	90.36	28.543	14495.	0.000	LOW	22.351	16.26	21.58
13 24 35	26.37	90.54	28.495	14587.	0.000	LOW	15.830	16.26	21.64
13 24 40	26.37	91.07	28.543	14495.	0.000	LOW	12.344	16.26	21.70
13 24 45	27.68	90.45	28.543	14495.	0.000	LOW	4.439	16.25	21.64
13 24 50	27.08	91.79	28.739	14495.	0.000	LOW	13.647	16.25	21.67
13 24 55	28.13	91.25	28.690	14541.	0.000	LOW	12.956	16.27	21.70
13 25 0	28.37	90.00	28.348	14495.	0.000	LOW	0.152	16.27	21.70
13 25 10	28.37	90.36	28.348	14495.	0.000	LOW	0.000	16.26	21.64
13 25 15	28.37	90.09	28.739	14495.	0.000	LOW	0.000	16.26	21.64
13 25 20	26.52	91.07	28.739	14321.	0.000	LOW	0.000	25.67	21.64
13 25 25	27.68	90.71	28.592	14908.	0.000	LOW	0.000	34.16	21.64
13 25 30	26.37	91.07	28.541	14220.	0.000	LOW	0.000	60.93	21.70
13 25 35	28.37	90.00	28.592	14174.	0.000	LOW	0.000	66.14	21.70
13 25 40	28.37	90.71	28.641	14220.	0.000	LOW	0.000	71.17	21.64
13 25 45	28.37	90.63	28.543	14220.	0.000	LOW	0.000	71.84	21.64
13 25 50	28.37	90.36	28.446	14174.	0.000	LOW	0.000	71.09	21.47
13 25 55	28.37	90.45	28.446	14174.	0.000	LOW	0.000	71.30	21.50
13 26 1	27.68	90.71	28.739	14220.	0.000	LOW	0.000	71.17	21.64
13 26 6	27.66	90.71	28.543	14220.	0.000	LOW	0.000	71.09	21.64
13 26 11	28.05	90.09	28.543	14394.	0.000	LOW	0.000	67.75	21.70
13 26 16	28.37	90.36	28.641	14761.	0.000	LOW	0.000	59.67	21.70
13 26 21	27.68	90.54	28.250	14220.	0.000	LOW	0.000	38.51	21.64

02

TIME	EC 03	EC 22	EC 62	AF	PR	FC C1	FC 02	FC 03
H/M/S	TEMP	POSITN	POSITN	TOTAL	POSITN	POSITN	WING	POSITN
RAM AR	CONTRL	RAM	RAM	FUEL	NOZZLE	FLAP	SNEEP	BRACE
			EXIT	QNTY	-/MENG			DOOR
			DOOR F					
13 26 26	28.13	98.63	28.495	1+220.	0.000	0.000	31.39	21.57
13 26 31	32.21	91.61	28.543	1+037.	0.000	0.000	16.26	21.76
13 26 36	30.29	98.80	28.641	1+003.	0.000	0.000	16.26	21.76
13 26 41	28.37	91.61	28.739	1+220.	0.000	0.000	16.26	21.57
13 26 46	28.13	91.16	28.690	1+266.	0.000	0.000	16.26	21.57
13 26 56	25.66	98.71	27.859	13678.	0.000	0.000	16.26	21.57
13 27 01	25.72	98.63	27.818	13185.	0.000	0.000	16.26	21.57
13 27 06	28.65	89.46	28.446	13678.	0.000	0.000	16.26	21.57
13 27 11	29.09	88.04	28.641	13394.	0.000	0.000	16.26	21.57
13 27 16	29.33	88.39	29.130	12752.	0.000	0.000	16.26	21.57
13 27 21	28.25	88.73	28.641	12982.	0.000	0.000	16.26	21.57
13 27 26	28.05	89.33	28.739	13303.	0.000	0.000	16.26	21.57
13 27 31	29.09	88.66	28.780	13119.	0.000	0.000	16.26	21.57
13 27 36	27.04	91.61	28.348	13026.	0.000	0.000	16.26	21.57
13 27 41	26.44	91.34	28.348	13119.	0.000	0.000	16.26	21.57
13 27 46	27.80	88.93	28.641	13026.	0.000	0.000	16.26	21.57
13 27 51	25.46	90.71	27.468	13394.	0.000	0.000	16.26	21.57
13 27 56	25.24	91.36	27.566	13532.	0.000	0.000	16.26	21.57
13 28 01	25.46	91.16	28.035	13761.	0.000	0.000	16.26	21.57
13 28 06	25.72	91.16	27.908	13624.	0.000	0.000	16.26	21.57
13 28 11	26.92	91.96	28.250	13678.	0.000	0.000	16.26	21.57
13 28 16	27.04	91.07	28.348	13532.	0.000	0.000	16.26	21.57
13 28 21	28.05	98.00	28.543	13026.	0.000	0.000	16.26	21.57
13 28 26	28.37	89.46	28.641	13394.	0.000	0.000	16.26	21.57
13 28 31	28.61	88.75	28.641	13165.	0.000	0.000	16.26	21.57
13 28 36	28.29	90.89	28.739	12844.	0.000	0.000	16.26	21.57
13 28 41	29.09	91.16	28.397	12936.	0.000	0.000	16.26	21.57
13 28 46	26.44	92.06	27.664	13394.	0.000	0.000	16.26	21.57
13 28 51	27.16	92.32	28.299	13211.	0.000	0.000	16.26	21.57
13 28 56	26.92	92.06	28.355	13119.	0.000	0.000	16.26	21.57
13 29 01	25.96	92.06	27.908	13303.	0.000	0.000	16.26	21.57
13 29 06	25.96	91.43	28.055	13678.	0.000	0.000	16.26	21.57
13 29 11	25.48	91.34	28.250	13211.	0.000	0.000	16.26	21.57
13 29 16	27.40	90.71	28.250	12752.	0.000	0.000	16.26	21.57
13 29 21	27.40	91.52	28.261	12861.	0.000	0.000	16.26	21.57
13 29 26	27.40	91.79	28.348	12861.	0.000	0.000	16.26	21.57
13 29 31	27.16	91.16	28.348	12861.	0.000	0.000	16.26	21.57
13 29 36	27.40	91.36	28.055	12861.	0.000	0.000	16.26	21.57
13 29 41	27.64	98.34	28.055	12861.	0.000	0.000	16.26	21.57
13 29 46	26.44	91.61	28.152	12861.	0.000	0.000	16.26	21.57
13 29 51	26.52	92.05	28.250	12615.	0.000	0.000	16.26	21.57
13 29 56	27.16	91.96	28.348	12752.	0.000	0.000	16.26	21.57
14 3 26	27.16	91.52	28.348	12752.	0.000	0.000	16.26	21.57
14 3 31	27.32	91.52	28.348	12752.	0.000	0.000	16.26	21.57
14 3 36	27.64	91.04	28.355	12661.	0.000	0.000	16.26	21.57
14 3 41	27.64	91.04	28.355	12661.	0.000	0.000	16.26	21.57
14 3 46	27.64	91.04	28.355	12661.	0.000	0.000	16.26	21.57
14 3 51	27.64	91.04	28.355	12661.	0.000	0.000	16.26	21.57
14 3 56	27.64	91.04	28.355	12661.	0.000	0.000	16.26	21.57
14 4 01	27.64	91.04	28.355	12661.	0.000	0.000	16.26	21.57
14 4 06	27.64	91.04	28.355	12661.	0.000	0.000	16.26	21.57
14 4 11	27.64	91.04	28.355	12661.	0.000	0.000	16.26	21.57
14 4 16	27.64	91.04	28.355	12661.	0.000	0.000	16.26	21.57
14 4 21	27.64	91.04	28.355	12661.	0.000	0.000	16.26	21.57
14 4 26	27.64	91.04	28.355	12661.	0.000	0.000	16.26	21.57

TIME M/M/S	EC 13 TEMP RAM AR	EC 22 POSITN TEMP CONTROL	EC 62 POSITN PRIMRY RAM EXIT DOOR F	AF TOTAL FUEL QNTY	PR 05 POSITN VOZZLE L/HENG	PR 06 POSITN THROTL L/HENG	FC 01 POSTN FLAP	FC 02 POSITN WING SWEEP	FC 33 POSITN SPEED BRAKE DOOR
14 4 29	26.44	91.43	28.855	12752.	0.000	LOW	0.000	16.26	22.19
14 4 34	26.44	91.73	28.806	12706.	0.000	LOW	0.000	16.26	21.83
14 4 39	27.40	91.07	28.250	12569.	0.000	LOW	0.000	16.25	21.70
14 4 44	27.40	91.25	28.184	12477.	0.000	LOW	0.000	16.25	21.70
14 4 49	26.52	92.86	27.957	12385.	0.000	LOW	0.000	16.25	21.76
14 4 54	27.40	92.14	27.957	12339.	0.000	LOW	0.000	16.25	21.64
14 4 59	19.23	91.25	27.273	11500.	0.009	LOW	0.000	16.25	21.53
14 5 4	23.08	91.52	27.810	11972.	0.013	LOW	0.000	16.26	21.61
14 5 9	27.40	92.14	28.348	12294.	0.018	LOW	0.000	16.28	21.79
14 5 14	27.16	92.32	28.348	12110.	0.018	LOW	0.000	16.28	21.67
14 5 19	26.92	91.79	28.855	12385.	0.018	LOW	0.000	16.27	21.64
14 5 24	25.00	92.05	28.250	12294.	0.009	LOW	0.000	16.26	21.67
14 5 29	27.40	92.14	28.348	12202.	0.027	LOW	0.000	16.26	21.70
14 5 34	27.46	91.14	28.348	12156.	0.031	LOW	0.000	16.26	21.95
14 5 39	27.40	92.14	28.446	12345.	0.018	LOW	0.000	16.26	21.64
14 5 44	27.40	91.96	28.299	12477.	0.009	LOW	0.000	16.26	21.56
14 5 49	27.40	91.07	28.348	12202.	0.036	LOW	0.000	16.26	21.64
14 5 54	27.46	91.25	28.299	12156.	0.031	LOW	0.000	16.26	21.64
14 5 59	26.92	91.87	28.250	12018.	0.008	LOW	0.000	16.25	21.73
14 6 9	26.92	90.80	28.446	12064.	0.000	LOW	0.000	16.25	21.70
14 6 9	27.40	92.86	28.348	12202.	0.008	LOW	0.000	16.26	21.76
14 6 19	27.16	91.70	28.397	12202.	0.000	LOW	0.000	16.26	21.70
14 6 19	27.40	91.79	28.348	12018.	0.000	LOW	0.000	16.25	21.70
14 6 24	27.40	92.14	28.197	12064.	0.000	LOW	0.000	16.25	21.73
14 6 29	26.92	90.54	28.855	12202.	0.000	LOW	0.000	16.27	21.70
14 14 36	26.92	91.87	28.250	11972.	0.006	LOW	0.000	16.26	21.76
14 14 41	26.92	90.89	28.348	11815.	0.000	LOW	0.000	16.27	21.53
14 14 46	27.16	91.87	28.446	11743.	0.000	LOW	0.000	16.27	21.59
14 14 51	26.92	90.36	28.446	11815.	0.000	LOW	0.000	16.25	21.64
14 15 1	26.92	91.25	28.446	11743.	0.000	LOW	0.000	16.25	21.64
14 15 11	26.92	92.14	28.855	11743.	0.000	LOW	0.000	16.25	21.64
14 15 11	27.40	91.25	28.281	11743.	0.000	LOW	0.000	16.25	21.64
14 15 11	27.40	92.14	28.855	11815.	0.000	LOW	0.000	16.27	21.70
14 15 16	27.40	92.41	28.855	11697.	0.000	LOW	0.000	16.26	21.64
14 15 21	26.44	90.71	27.664	11743.	0.000	LOW	0.000	16.26	21.64
14 15 26	26.92	91.79	27.859	11789.	0.000	LOW	0.000	16.26	21.64
14 15 31	27.40	90.54	28.446	11815.	0.000	LOW	0.000	16.26	21.64
14 15 36	27.16	91.52	28.690	11651.	0.000	LOW	0.000	16.26	21.73
14 15 42	26.92	91.96	28.152	11800.	0.000	LOW	0.000	16.26	21.53
14 15 47	27.16	92.32	28.250	11806.	0.000	LOW	0.000	16.26	21.64
14 15 52	26.44	90.89	28.152	11835.	0.000	LOW	0.000	16.26	21.64
14 17 19	27.16	91.34	28.281	11651.	0.000	LOW	0.000	16.27	49.23
14 17 24	26.92	90.36	28.446	11815.	0.000	LOW	0.000	16.27	35.42
14 17 29	27.16	90.62	28.250	11800.	0.000	LOW	0.000	16.27	17.86
14 17 34	27.40	92.58	28.152	11651.	0.000	LOW	0.000	16.26	43.37
14 17 39	27.64	92.59	28.855	11800.	0.000	LOW	0.000	16.25	21.68
14 17 44	26.92	91.79	27.664	11815.	0.000	LOW	0.000	16.26	44.23
14 17 49	27.40	91.52	27.859	11806.	0.000	LOW	0.000	16.25	22.11
14 17 54	27.40	91.96	27.957	11776.	0.000	LOW	0.000	16.27	72.02

TIME H/M/S	EC 03 TEMP RAM AR	EC 22 POSITM TEMP CONTROL	EC 62 POSITM PRINRY EXIT DOOR F	AF 4 TOTAL FUEL QNTY	PR 05 POSITM NOZZLE - / HENG	PR 06 POSITM TMROTL L / HENG	FC 01 POSITM FLAP	FC 02 POSITM WING SWEEP	FC 03 POSITM SPEED BRAKE 000R
14 17 59	27.64	90.54	28.006	11660.	0.000	LOW	0.000	16.27	74.46
14 18 4	26.44	91.07	28.152	11560.	0.000	LOW	0.000	16.26	21.70
14 18 9	26.68	91.43	28.201	11606.	0.000	LOW	0.000	16.26	21.70
14 18 14	27.40	92.60	29.032	11668.	0.000	LOW	0.000	16.27	21.70
14 18 19	27.40	92.60	28.641	11514.	0.000	LOW	0.000	16.26	21.73
14 32 7	26.92	92.58	28.340	11809.	0.000	LOW	0.000	16.26	21.76
14 32 13	26.52	91.08	28.104	10734.	0.000	LOW	0.000	16.20	21.64
14 32 18	25.96	91.07	28.258	11459.	0.027	LOW	0.000	16.20	21.47
14 32 23	25.72	90.62	28.104	11505.	0.016	LOW	0.000	16.27	21.58
14 32 28	25.96	89.82	28.340	10459.	0.009	LOW	0.000	16.27	21.64
14 32 33	26.20	91.34	28.258	10413.	0.016	LOW	0.000	16.27	21.64
14 32 39	26.92	91.43	28.152	10275.	0.027	LOW	0.000	16.26	21.76
14 32 44	25.80	90.00	28.104	11229.	0.013	LOW	0.000	16.26	21.79
14 32 49	26.92	90.54	28.250	10820.	0.000	LOW	0.000	16.25	21.82
14 32 54	27.16	90.89	28.201	10550.	0.000	LOW	0.000	16.26	21.79
14 32 59	27.40	90.89	28.250	10550.	0.000	LOW	0.000	16.27	21.76
14 33 4	27.16	91.43	28.152	10505.	0.000	LOW	0.000	16.27	21.73
14 33 9	27.40	91.07	28.152	10459.	0.000	LOW	0.000	16.26	21.76
14 33 14	27.40	91.07	28.201	10459.	0.000	LOW	0.000	16.25	21.79

C COMMUTATOR

TIME H/M/S	CS PRESS ALT	EC PRESS CABIN ALT	EC 23 TEMP AIR UPSTR OF BLEED AR REG	EC 42 PRESS DIFF L/H ELECT DAY	EC 93 PRESS DIFF L/H ELECT DAY	EC 4 TEMP AIR PILOTS HEAD LEVEL	EC 5 TEMP AIR PILOTS FOOT LEVEL	EC 7 TEMP AIR PILOTS WAIST LEVEL	EC 8 TEMP AIR CO-PLT HEAD LEVEL	EC 9 TEMP AIR CD PILOTS FOOT LEVEL	EC 11 TEMP AIR CD PILOTS WAIST LEVEL	EC 12 TEMP AIR OUTLET DE-FOG R/H CABIN	EC 13 TEMP AIR OUTLET DE-FOG L/H CABIN
13 1 1	489.	.16	149.	15.00	0.00	93.	95.	97.	92.	98.	92.	90.	105.
13 1 12	489.	.17	149.	15.00	.00	92.	96.	96.	95.	97.	91.	97.	104.
13 1 17	756.	-.01	139.	15.00	-.02	90.	90.	90.	95.	90.	90.	99.	100.
13 1 22	444.	.10	147.	15.00	-.02	89.	96.	91.	96.	97.	91.	101.	100.
13 1 27	44.	.21	147.	15.00	-.03	91.	97.	91.	94.	97.	92.	100.	109.
13 1 32	311.	.15	141.	15.00	-.02	92.	97.	91.	92.	97.	92.	101.	109.
13 1 32	480.	.16	147.	15.00	.00	92.	95.	93.	91.	97.	92.	98.	104.
13 1 38	480.	.16	148.	15.00	.04	91.	97.	93.	93.	97.	92.	101.	106.
13 4 1 48	222.	.16	147.	15.00	-.02	91.	95.	96.	92.	98.	93.	97.	105.
13 1 53	44.	.16	148.	15.00	-.01	91.	96.	96.	93.	97.	93.	96.	104.
13 4 1 58	756.	.12	151.	15.00	-.01	90.	97.	93.	90.	97.	91.	97.	106.
13 4 1 58	622.	.16	146.	15.00	-.02	90.	97.	91.	96.	97.	92.	96.	107.
13 2 3	311.	.13	141.	15.00	0.00	92.	99.	94.	90.	95.	92.	101.	106.
13 4 2 8	533.	.12	145.	15.00	.01	92.	98.	95.	92.	95.	92.	99.	104.
13 2 13	576.	-.01	136.	15.00	-.00	91.	97.	91.	95.	95.	90.	100.	100.
13 2 18	622.	.00	142.	15.00	-.02	91.	98.	91.	94.	96.	90.	100.	100.
13 2 23	401.	.12	146.	15.00	-.03	92.	100.	93.	91.	97.	93.	101.	106.
13 4 6	533.	.15	141.	15.00	.01	93.	96.	95.	91.	97.	92.	106.	105.
13 4 11	1022.	.45	280.	15.00	0.00	94.	99.	93.	92.	96.	92.	95.	105.
13 4 11	844.	.48	286.	15.00	.00	94.	99.	95.	93.	95.	92.	95.	104.
13 4 16	133.	.43	299.	15.00	-.00	92.	99.	93.	90.	95.	91.	99.	107.
13 4 21	480.	.36	307.	15.00	-.00	94.	99.	94.	96.	96.	91.	100.	104.
13 4 26	489.	.37	290.	15.00	-.01	93.	97.	97.	96.	95.	91.	94.	105.
13 4 31	576.	.36	288.	15.00	-.01	93.	97.	95.	96.	95.	91.	99.	105.
13 4 44	667.	.43	278.	15.00	-.02	33.	36.	92.	31.	98.	91.	101.	107.
13 4 42	711.	.39	281.	15.00	-.02	94.	37.	95.	93.	97.	91.	96.	105.
13 4 47	489.	.22	286.	15.00	-.02	95.	38.	95.	93.	97.	91.	97.	101.
13 4 52	311.	.29	289.	15.00	-.01	94.	30.	94.	96.	96.	91.	100.	105.
13 4 65	480.	.43	284.	15.00	0.00	95.	30.	97.	95.	97.	91.	95.	103.
13 5 2	311.	.44	281.	15.00	-.01	95.	30.	97.	97.	96.	92.	96.	104.
13 5 7	311.	.38	303.	15.00	-.02	95.	37.	96.	99.	95.	92.	96.	103.
13 5 12	480.	.43	294.	15.00	-.01	96.	37.	96.	99.	96.	92.	97.	100.
13 5 17	489.	.32	288.	15.00	-.02	95.	39.	95.	101.	95.	92.	97.	105.
13 5 22	622.	.38	285.	15.00	0.00	95.	39.	95.	99.	95.	92.	99.	106.
13 5 27	480.	.35	293.	15.00	-.01	94.	37.	94.	97.	96.	92.	99.	106.
13 5 32	533.	.38	283.	15.00	-.02	94.	37.	91.	96.	96.	91.	100.	107.
13 5 37	489.	.34	279.	15.00	0.00	97.	38.	92.	94.	97.	92.	102.	106.
13 5 42	622.	.42	286.	15.00	.01	97.	38.	92.	93.	96.	92.	101.	106.
13 5 47	480.	.50	309.	15.00	.04	97.	37.	97.	93.	96.	91.	101.	105.
13 5 52	489.	.45	291.	15.00	.01	97.	36.	98.	94.	97.	91.	95.	103.
13 5 57	480.	.43	264.	15.00	-.02	95.	38.	98.	99.	97.	93.	95.	100.
13 6 7	267.	.44	269.	15.00	-.01	96.	37.	98.	99.	97.	93.	95.	97.
13 6 7	222.	.41	268.	15.00	.00	97.	38.	95.	91.	97.	93.	101.	106.
13 5 12	267.	.40	265.	15.00	-.00	97.	39.	96.	92.	97.	93.	100.	105.
13 6 17	489.	.43	283.	15.00	-.01	95.	37.	93.	95.	97.	92.	101.	106.

TIME H/M/S	CS PRESS ALT	EC PRESS CABIN ALT	EC TEMP AIR UPSTR OF BLEED AR REG	EC PRESS DIFF L/H ELECT DAY	EC PRESS DIFF R/H ELECT DAY	EC TEMP AIR PILOTS HEAD LEVEL	EC TEMP AIR PILOTS FOOT LEVEL	EC TEMP AIR CO-PLT HEAD LEVEL	EC TEMP AIR PILOTS FOOT LEVEL	EC TEMP AIR CO PILOTS WAIST LEVEL	EC TEMP AIR OUTLET DE-FOG R/H CABIN	EC TEMP AIR OUTLET DE-FOG L/H CABIN
13 6 22	400.	.39	203.	15.00	-0.00	95.	97.	95.	97.	93.	101.	107.
13 6 27	409.	.45	279.	15.00	0.00	95.	95.	93.	95.	94.	99.	106.
13 6 37	400.	.43	201.	15.00	0.00	95.	97.	95.	95.	92.	101.	107.
13 6 42	133.	.41	279.	15.00	-0.02	95.	98.	93.	95.	93.	95.	105.
13 6 47	311.	.30	203.	15.00	-0.01	97.	98.	90.	96.	93.	99.	106.
13 6 47	409.	.41	305.	15.00	-0.00	99.	97.	90.	100.	95.	94.	103.
13 6 52	400.	.42	297.	15.00	-0.03	98.	97.	97.	97.	95.	94.	105.
13 6 57	480.	.34	304.	15.00	0.00	96.	97.	95.	96.	93.	96.	100.
13 7 2	311.	.37	311.	15.00	0.00	97.	97.	98.	96.	93.	98.	104.
13 7 7	570.	.45	356.	15.00	-0.04	98.	97.	99.	95.	93.	96.	105.
13 7 12	444.	.65	370.	15.00	-0.03	96.	96.	93.	96.	93.	97.	105.
13 7 18	133.	.81	413.	15.00	0.01	96.	96.	93.	98.	90.	95.	90.
13 7 23	311.	.70	427.	15.00	0.00	96.	96.	96.	95.	90.	92.	95.
13 7 28	44.	.05	467.	15.00	-0.01	95.	95.	93.	95.	88.	80.	85.
13 7 33	170.	.00	460.	15.00	0.01	95.	95.	93.	94.	87.	82.	83.
13 7 38	311.	.75	400.	15.00	0.00	91.	91.	90.	91.	84.	79.	78.
13 7 43	444.	.62	407.	15.00	0.00	91.	91.	91.	92.	80.	80.	80.
13 7 48	756.	.54	409.	15.00	-0.00	88.	92.	89.	91.	81.	80.	79.
13 7 53	444.	.54	431.	15.00	0.01	87.	91.	85.	90.	80.	79.	79.
13 7 58	756.	.63	406.	15.00	0.00	86.	91.	85.	91.	80.	75.	76.
13 8 3	711.	.54	502.	15.00	0.00	87.	91.	85.	91.	80.	75.	75.
13 8 8	607.	.56	408.	15.00	0.00	85.	91.	85.	91.	80.	76.	73.
13 8 13	409.	.59	503.	15.00	-0.00	84.	90.	85.	91.	77.	75.	75.
13 8 18	400.	.26	474.	15.00	0.00	74.	90.	87.	91.	78.	71.	75.
13 8 23	570.	.37	464.	15.00	-0.01	70.	89.	84.	91.	77.	73.	77.
13 8 28	607.	.44	400.	15.00	-0.02	84.	90.	84.	90.	76.	76.	81.
13 8 33	409.	.42	394.	15.00	-0.01	83.	92.	83.	90.	76.	77.	82.
13 8 38	607.	.51	349.	15.00	-0.01	82.	95.	86.	93.	70.	80.	81.
13 8 43	607.	.49	343.	15.00	-0.02	84.	95.	87.	92.	76.	77.	77.
13 8 48	756.	.44	330.	15.00	-0.01	85.	92.	86.	91.	79.	76.	80.
13 8 53	800.	.40	329.	15.00	-0.02	85.	91.	85.	91.	78.	76.	80.
13 8 58	409.	.44	320.	15.00	-0.00	84.	93.	83.	91.	79.	77.	80.
13 9 3	356.	.46	317.	15.00	0.00	85.	91.	85.	91.	78.	76.	80.
13 9 13	311.	.53	314.	15.00	-0.01	88.	92.	88.	90.	78.	73.	77.
13 9 18	356.	.47	313.	15.00	-0.01	88.	91.	88.	90.	78.	73.	77.
13 9 23	311.	.53	279.	15.00	-0.02	85.	90.	80.	92.	79.	74.	77.
13 9 28	533.	.48	294.	15.00	-0.01	86.	89.	81.	89.	78.	74.	81.
13 9 28	133.	.47	318.	15.00	-0.01	84.	90.	80.	91.	79.	75.	78.
13 9 33	267.	.50	303.	15.00	-0.01	86.	89.	83.	91.	79.	75.	78.
13 9 38	222.	.56	303.	15.00	-0.02	87.	89.	85.	91.	79.	73.	78.
13 9 43	-222.	.54	290.	15.00	-0.03	86.	89.	80.	85.	79.	73.	75.
13 9 48	667.	.53	303.	15.00	-0.01	86.	89.	80.	85.	79.	73.	75.
13 9 53	570.	.40	304.	15.00	-0.00	85.	89.	80.	85.	79.	73.	75.
13 9 59	311.	.40	303.	15.00	-0.04	86.	86.	80.	85.	78.	73.	75.
13 10 4	533.	.45	302.	15.00	-0.04	89.	89.	87.	88.	78.	73.	75.
13 10 9	311.	.59	305.	15.00	-0.02	84.	89.	87.	88.	79.	73.	75.
13 10 22	533.	.52	304.	15.00	-0.01	86.	89.	83.	91.	78.	73.	75.
13 10 19	667.	.47	301.	15.00	-0.00	87.	89.	80.	91.	78.	73.	75.
13 10 24	356.	.49	300.	15.00	-0.04	85.	87.	87.	90.	77.	76.	78.

TIME H/M/S	CS PRESS ALT	EC 1 PRESS CABIN ALT	EC 23 TEMP AIR UPSTR OF BLEED AR REG	EC 92 PRESS DIFF L/H ELECT DAY	EC 93 PRESS DIFF L/H ELECT DAY	EC 4 TEMP AIR PILOTS HEAD LEVEL	EC 5 TEMP AIR PILOTS FOOT LEVEL	EC 7 TEMP AIR PILOTS WAIST LEVEL	EC 8 TEMP AIR CO-PLT HEAD LEVEL	EC 9 TEMP AIR CO PILOTS FOOT LEVEL	EC 11 TEMP AIR CO PILOTS WAIST LEVEL	EC 12 TEMP AIR OUTLET DE-FOG R/H CABIN	EC 13 TEMP AIR OUTLET DE-FOG L/H CABIN
13 10 29	222.	.45	294.	15.00	.01	86.	86.	95.	90.	90.	77.	53.	74.
13 10 34	933.	.51	294.	15.00	.00	87.	88.	84.	87.	91.	75.	64.	75.
13 10 39	133.	.50	303.	15.00	0.00	84.	90.	80.	84.	87.	76.	77.	80.
13 10 44	311.	.48	306.	15.00	-.00	84.	89.	81.	89.	88.	77.	74.	78.
13 10 49	133.	.50	306.	15.00	-.02	86.	88.	85.	86.	91.	77.	70.	72.
13 10 54	178.	.48	306.	15.00	-.01	86.	88.	95.	86.	91.	77.	71.	73.
13 11 43	44.	.73	319.	15.00	0.00	84.	88.	85.	87.	89.	76.	67.	68.
13 11 48	356.	.73	335.	15.00	0.00	83.	88.	85.	88.	85.	75.	66.	65.
13 11 53	667.	.69	363.	15.00	-.03	81.	88.	78.	88.	88.	73.	63.	67.
13 12 3	667.	.73	361.	15.00	-.03	81.	86.	79.	85.	87.	72.	64.	64.
13 12 8	311.	.72	401.	15.00	-.02	78.	87.	78.	87.	85.	65.	56.	61.
13 12 13	-178.	.76	407.	15.00	-.00	78.	86.	79.	87.	85.	67.	57.	60.
13 12 18	489.	.63	416.	15.00	-.04	78.	86.	81.	74.	84.	63.	60.	53.
13 12 23	480.	.67	420.	15.00	0.00	77.	85.	79.	77.	85.	66.	61.	56.
13 12 28	133.	.59	449.	15.00	0.00	78.	84.	78.	78.	85.	67.	58.	57.
13 12 33	444.	.57	439.	15.00	-.02	77.	84.	77.	79.	85.	68.	58.	56.
13 12 38	795.	.62	457.	15.00	-.01	76.	84.	82.	78.	84.	66.	56.	54.
13 12 43	578.	.59	460.	15.00	0.00	75.	85.	81.	78.	84.	66.	53.	54.
13 12 48	667.	.72	479.	15.00	-.01	73.	84.	76.	84.	84.	69.	56.	56.
13 12 53	809.	.67	471.	15.00	-.02	73.	84.	75.	82.	84.	68.	58.	56.
13 12 58	480.	.59	473.	15.00	0.00	74.	82.	78.	77.	84.	66.	53.	53.
13 13 3	444.	.60	472.	15.00	-.01	73.	82.	79.	78.	84.	66.	52.	52.
13 13 8	667.	.56	476.	15.00	-.01	73.	82.	73.	76.	85.	53.	58.	58.
13 13 13	667.	.51	476.	15.00	-.00	72.	83.	73.	74.	84.	59.	56.	57.
13 13 18	844.	.57	468.	15.00	-.00	73.	76.	73.	74.	84.	66.	59.	56.
13 13 23	409.	.59	462.	15.00	-.00	72.	78.	76.	75.	84.	66.	56.	54.
13 13 28	1022.	.51	464.	15.00	-.02	59.	84.	73.	78.	82.	65.	58.	57.
13 13 33	667.	.54	469.	15.00	-.01	71.	83.	74.	75.	83.	66.	58.	57.
13 13 38	132.	.54	462.	15.00	-.02	71.	84.	76.	80.	82.	68.	55.	56.
13 13 43	444.	.55	468.	15.00	-.01	71.	85.	75.	81.	82.	68.	58.	59.
13 13 48	89.	.57	477.	15.00	-.00	73.	85.	80.	74.	86.	70.	59.	61.
13 13 53	LOH	.78	476.	15.00	-.00	72.	85.	78.	75.	85.	69.	59.	61.
13 13 58	737856.	.63	459.	15.00	-.04	71.	86.	74.	76.	84.	69.	65.	63.
13 14 3	667.	.65	471.	15.00	-.01	72.	84.	77.	75.	88.	69.	68.	61.
13 14 8	578.	.63	472.	15.00	0.00	74.	82.	80.	77.	82.	69.	56.	56.
13 14 13	667.	.66	472.	15.00	-.01	73.	83.	77.	79.	81.	69.	58.	58.
13 14 18	711.	.63	477.	15.00	-.02	58.	83.	76.	75.	84.	69.	59.	58.
13 14 23	-667.	.67	439.	15.00	-.01	74.	84.	81.	75.	83.	73.	62.	62.
13 14 28	-267.	.66	459.	15.00	-.03	75.	85.	82.	81.	84.	73.	64.	69.
13 14 33	222.	.57	465.	15.00	-.03	78.	86.	80.	77.	86.	75.	66.	71.
13 14 38	409.	.62	472.	15.00	-.01	79.	89.	83.	77.	90.	74.	76.	80.
13 14 43	667.	.50	471.	15.00	0.00	83.	93.	83.	80.	91.	84.	70.	81.
13 14 48	533.	.66	477.	15.00	-.01	83.	92.	83.	80.	91.	82.	68.	90.
13 14 53	400.	.45	472.	15.00	-.00	84.	98.	87.	86.	87.	84.	79.	85.
13 15 3	489.	.55	477.	15.00	0.00	84.	89.	87.	84.	87.	84.	79.	83.
13 15 8	222.	.57	477.	15.00	0.00	84.	88.	84.	82.	85.	81.	82.	83.
13 15 13	356.	.54	479.	15.00	-.01	83.	88.	83.	82.	85.	79.	82.	83.
13 15 18	750.	.50	460.	15.00	0.00	82.	84.	85.	86.	85.	79.	71.	78.

TIME H/M/S	CS PRESS ALT	EC PRESS CABIN ALT	EC 23 TEMP AIR UPSTR OF BLEED AIR REG	EC 92 PRESS DIFF L/H ELECT BAY	EC 93 PRESS DIFF R/H ELECT BAY	EC 4 TEMP AIR PILOTS HEAD LEVEL	EC 5 TEMP AIR PILOTS FOOT LEVEL	EC 7 TEMP AIR PILOTS WAIST LEVEL	EC 8 TEMP AIR CO-PLT HEAD LEVEL	EC 9 TEMP AIR CO PILOTS FOOT LEVEL	EC 11 TEMP AIR CO PILOTS WAIST LEVEL	EC 12 TEMP AIR OUTLET DE-FOG R/H CABIN	EC 13 TEMP AIR OUTLET DE-FOG L/H CABIN
13 15 19	756.	.51	467.	15.00	-00	82.	86.	86.	84.	86.	78.	72.	77.
13 15 24	578.	.50	472.	15.00	-00	53.	88.	80.	79.	87.	77.	81.	88.
13 15 29	533.	.51	472.	15.00	-00	81.	88.	81.	82.	86.	78.	81.	88.
13 15 34	400.	.45	473.	15.00	-01	79.	88.	81.	85.	86.	78.	76.	88.
13 15 39	311.	.48	474.	15.00	-04	80.	88.	84.	85.	86.	77.	75.	77.
13 15 44	1022.	.48	471.	15.00	-04	82.	88.	85.	84.	88.	79.	73.	76.
13 15 50	667.	.64	472.	15.00	-02	82.	88.	87.	83.	88.	78.	78.	74.
13 15 55	409.	.57	471.	15.00	-01	88.	86.	86.	85.	86.	77.	71.	73.
13 16 0	409.	.51	471.	15.00	-00	81.	86.	86.	85.	85.	76.	69.	72.
13 16 5	133.	.62	476.	15.00	-11	90.	86.	84.	84.	82.	73.	67.	69.
13 16 10	222.	.57	477.	15.00	-05	78.	86.	84.	82.	84.	73.	67.	69.
13 16 15	400.	.48	471.	15.00	-01	78.	84.	83.	78.	84.	72.	71.	70.
13 16 20	444.	.50	472.	15.00	-00	79.	84.	84.	77.	85.	74.	71.	70.
13 16 25	311.	.53	479.	15.00	-02	75.	90.	81.	77.	87.	78.	78.	88.
13 16 30	358.	.50	474.	15.00	00	76.	90.	88.	79.	87.	80.	84.	91.
13 16 35	933.	.65	484.	15.00	-00	80.	93.	82.	85.	88.	74.	84.	91.
13 16 40	667.	.59	479.	15.00	-01	82.	94.	78.	85.	85.	88.	85.	91.
13 16 53	409.	.59	477.	15.00	-03	83.	95.	85.	83.	98.	91.	97.	181.
13 16 58	400.	.71	479.	15.00	-00	83.	96.	95.	86.	98.	98.	86.	98.
13 16 59	409.	.56	473.	15.00	-03	88.	93.	91.	98.	98.	84.	86.	98.
13 17 0	400.	.56	475.	15.00	-01	88.	93.	89.	86.	85.	79.	88.	98.
13 17 10	756.	.65	469.	15.00	-01	84.	90.	86.	86.	88.	86.	93.	91.
13 17 15	844.	.61	476.	15.00	-01	84.	87.	84.	88.	86.	86.	86.	98.
13 17 20	622.	.49	477.	15.00	-01	85.	90.	85.	88.	85.	84.	86.	87.
13 17 25	667.	.57	468.	15.00	-00	82.	90.	84.	88.	84.	84.	86.	88.
13 17 30	667.	.59	474.	15.00	-01	82.	89.	85.	89.	85.	81.	84.	88.
13 17 40	844.	.53	464.	15.00	-01	83.	90.	82.	86.	86.	82.	81.	84.
13 17 45	533.	.54	463.	15.00	-01	83.	90.	82.	87.	86.	82.	84.	85.
13 17 50	578.	.54	473.	15.00	-00	82.	90.	82.	89.	84.	82.	84.	84.
13 17 55	409.	.50	474.	15.00	-00	81.	90.	82.	89.	85.	81.	82.	82.
13 18 0	133.	.59	472.	15.00	00	83.	90.	88.	88.	86.	88.	76.	77.
13 18 5	400.	.50	480.	15.00	-03	83.	88.	87.	84.	86.	79.	75.	75.
13 18 10	667.	.62	479.	15.00	00	81.	85.	79.	82.	86.	76.	81.	76.
13 18 15	444.	.59	481.	15.00	-00	80.	85.	82.	84.	85.	75.	76.	74.
13 18 20	667.	.69	464.	15.00	-00	81.	85.	86.	85.	84.	76.	65.	69.
13 18 25	533.	.63	465.	15.00	-05	81.	87.	84.	82.	85.	76.	74.	73.
13 18 30	133.	.60	482.	15.00	-05	81.	88.	84.	82.	88.	76.	74.	73.
13 18 35	667.	.62	478.	15.00	-01	83.	90.	82.	81.	85.	82.	45.	86.
13 18 40	756.	.57	472.	15.00	-01	84.	90.	88.	81.	81.	87.	91.	91.
13 18 45	444.	.51	474.	15.00	-00	85.	91.	88.	88.	91.	93.	93.	93.
13 18 50	400.	.51	471.	15.00	-00	89.	95.	86.	83.	91.	94.	98.	181.
13 18 55	444.	.65	469.	15.00	-00	90.	92.	86.	83.	91.	93.	100.	100.
13 19 0	405.	.53	471.	15.00	-02	90.	86.	86.	90.	89.	91.	98.	97.
13 19 5	311.	.54	474.	15.00	-02	89.	90.	86.	89.	85.	91.	95.	93.
13 19 10	400.	.51	486.	15.00	-01	86.	90.	88.	90.	88.	90.	88.	82.
13 19 15	356.	.62	484.	15.00	-00	87.	91.	90.	91.	88.	90.	88.	81.
13 19 20	578.	.58	482.	15.00	-04	90.	91.	87.	92.	86.	88.	80.	80.
13 19 21	800.	.51	483.	15.00	-02	91.	87.	89.	91.	87.	88.	78.	78.

TIME H/M/S	CS PRESS ALT	EC 1 PRESS CABIN ALT	EC 23 TEMP AIR UPSTR OF BLEED AR REG	EC 92 PRESS DIFF L/M ELECT DAY	EC 93 PRESS DIFF L/M ELECT DAY	EC 7 TEMP AIR PILOTS MAIST LEVEL	EC 5 TEMP AIR PILOTS FOOT LEVEL	EC 4 TEMP AIR PILOTS HEAD LEVEL	EC 9 TEMP AIR CO PILOTS FOOT LEVEL	EC 11 TEMP AIR CO PILOTS MAIST LEVEL	EC 12 TEMP AIR DUILEY DE-FOG R/M CABIN	EC 13 TEMP AIR DUILEY DE-FOG L/M CABIN
13 22 24	406.	.38	446.	15.00	-.01	90.	87.	86.	87.	86.	81.	79.
13 22 29	576.	.44	376.	15.00	-.02	88.	88.	87.	88.	81.	78.	80.
13 22 34	311.	.38	317.	15.00	-.03	84.	84.	84.	91.	81.	74.	78.
13 22 34	485.	.45	320.	15.00	-.00	84.	80.	82.	90.	80.	75.	79.
13 22 39	600.	.45	301.	15.00	-.00	80.	80.	82.	91.	80.	75.	83.
13 22 44	576.	.46	311.	15.00	-.01	83.	83.	82.	91.	80.	72.	85.
13 22 49	576.	.50	314.	15.00	-.02	82.	82.	82.	90.	80.	70.	84.
13 22 54	356.	.45	305.	15.00	-.02	80.	80.	82.	90.	80.	70.	83.
13 22 59	400.	.47	311.	15.00	-.00	79.	89.	84.	91.	80.	74.	86.
13 23 4	607.	.45	312.	15.00	-.01	79.	83.	85.	91.	80.	74.	85.
13 23 10	-44.	.56	314.	15.00	0.00	79.	90.	87.	91.	80.	74.	84.
13 23 15	44.	.55	314.	15.00	-.00	80.	90.	87.	91.	80.	73.	84.
13 23 20	667.	.58	309.	15.00	-.00	85.	90.	88.	88.	82.	73.	80.
13 23 25	576.	.49	312.	15.00	-.01	85.	90.	82.	85.	78.	74.	88.
13 23 30	844.	.38	300.	15.00	-.03	86.	91.	82.	90.	80.	70.	84.
13 23 35	622.	.43	307.	15.00	-.00	85.	90.	84.	87.	80.	70.	85.
13 23 40	44.	.48	304.	15.00	-.00	85.	74.	88.	91.	81.	73.	80.
13 23 45	576.	.41	302.	15.00	-.00	82.	82.	85.	91.	81.	70.	82.
13 23 50	489.	.53	295.	15.00	-.00	84.	86.	89.	90.	79.	78.	84.
13 23 55	880.	.50	299.	15.00	-.00	82.	89.	85.	90.	79.	70.	85.
13 24 0	44.	.37	316.	15.00	-.05	84.	89.	86.	90.	80.	70.	87.
13 24 5	44.	.45	300.	15.00	-.04	84.	88.	84.	91.	80.	72.	87.
13 24 10	64.	.48	299.	15.00	-.02	84.	86.	89.	90.	80.	78.	84.
13 24 15	267.	.39	306.	15.00	-.01	84.	86.	86.	90.	80.	77.	83.
13 24 20	-222.	.41	315.	15.00	-.00	79.	89.	80.	87.	80.	74.	89.
13 24 25	6.	.44	300.	15.00	-.01	81.	89.	85.	88.	80.	70.	87.
13 24 30	756.	.51	303.	15.00	-.01	85.	89.	85.	88.	80.	73.	82.
13 24 35	44.	.47	306.	15.00	-.01	82.	89.	85.	91.	79.	77.	85.
13 24 40	311.	.28	310.	15.00	-.01	82.	88.	98.	90.	80.	77.	86.
13 24 50	532.	.40	307.	15.00	-.02	83.	88.	84.	91.	80.	76.	84.
13 24 55	844.	.48	294.	15.00	-.02	80.	88.	86.	90.	80.	76.	86.
13 25 0	880.	.51	296.	15.00	-.02	84.	89.	86.	90.	79.	78.	84.
13 25 5	133.	.40	312.	15.00	-.02	85.	88.	85.	91.	79.	74.	84.
13 25 10	133.	.45	310.	15.00	-.02	82.	88.	84.	90.	79.	77.	85.
13 25 15	486.	.48	310.	15.00	-.00	79.	90.	85.	90.	77.	77.	89.
13 25 23	267.	.43	307.	15.00	-.00	79.	90.	87.	90.	78.	77.	88.
13 25 28	133.	.45	311.	15.00	-.00	79.	90.	88.	90.	78.	70.	87.
13 25 25	133.	.51	311.	15.00	-.01	79.	90.	88.	90.	77.	78.	86.
13 25 30	667.	.56	303.	15.00	-.00	83.	88.	88.	90.	77.	78.	86.
13 25 35	6.	.47	304.	15.00	-.01	84.	88.	84.	90.	79.	75.	82.
13 25 40	409.	.28	294.	15.00	-.01	83.	91.	82.	90.	79.	75.	82.
13 25 46	444.	.43	303.	15.00	-.00	82.	89.	85.	90.	79.	78.	85.
13 25 51	44.	.56	310.	15.00	-.00	84.	90.	86.	90.	79.	78.	85.
13 25 56	222.	.51	307.	15.00	-.02	84.	89.	85.	89.	79.	76.	83.
13 26 1	578.	.44	298.	15.00	0.00	79.	89.	79.	90.	78.	79.	89.
13 26 6	356.	.49	303.	15.00	.01	82.	88.	84.	90.	78.	76.	81.
13 26 11	756.	.43	290.	15.00	-.00	83.	89.	86.	90.	78.	73.	82.
13 26 16	533.	.50	301.	15.00	-.01	78.	90.	87.	91.	79.	78.	86.
13 26 21	133.	.48	314.	15.00	-.04	83.	86.	83.	91.	76.	74.	84.

TIME H/M/S	OS PRESS ALT	EC 3 PRESS CABIN ALT	EC 23 TEMP AIR UPSTR OF BLEED AR REG	EC 92 PRESS DIFF L/H ELECT BAY	IC 93 PRESS DIFF R/H ELECT BAY	EC 4 TEMP AIR PILOTS HEAD LEVEL	EC 5 TEMP AIR PILOTS FOOT LEVEL	EC 7 TEMP AIR PILOTS WAIST LEVEL	EC 8 TEMP AIR CO-PLY HEAD LEVEL	EC 9 TEMP AIR CO PILOTS FOOT LEVEL	EC 11 TEMP AIR CO PILOTS WAIST LEVEL	EC 12 TEMP AIR OUTLET DE-FOG R/H CABIN	EC 13 TEMP AIR OUTLET DE-FOG L/H CABIN
13 26 26	311.	.45	307.	15.00	-.04	84.	80.	81.	85.	91.	78.	77.	86.
13 26 31	400.	.41	299.	15.00	0.00	83.	89.	78.	93.	98.	78.	79.	86.
13 26 36	400.	.41	299.	15.00	-.01	84.	88.	81.	88.	98.	78.	79.	85.
13 26 41	1022.	.41	296.	15.00	0.00	82.	90.	76.	84.	98.	79.	79.	69.
13 26 46	756.	.48	303.	15.00	-.01	83.	89.	77.	86.	89.	79.	79.	76.
13 26 50	667.	.56	300.	15.00	-.02	80.	85.	73.	77.	86.	71.	63.	82.
13 26 55	4095.	.51	306.	15.00	-.01	80.	84.	74.	81.	86.	70.	66.	81.
13 26 58	17467.	.50	293.	15.00	-.02	78.	84.	73.	82.	84.	71.	74.	83.
13 26 59	22803.	.48	289.	15.00	-.05	79.	85.	73.	79.	84.	71.	74.	83.
13 27 00	35064.	.28	295.	15.00	0.00	79.	84.	78.	84.	82.	72.	60.	79.
13 27 03	39325.	.40	294.	15.00	0.00	78.	84.	75.	80.	81.	68.	72.	81.
13 27 06	51399.	.51	296.	15.00	0.00	78.	84.	73.	77.	84.	71.	74.	83.
13 27 09	55620.	.48	303.	15.00	-.01	79.	84.	75.	78.	85.	71.	70.	88.
13 27 12	59369.	.50	293.	15.00	0.00	77.	84.	71.	82.	84.	71.	63.	83.
13 27 15	59407.	.48	300.	15.00	-.00	78.	85.	72.	81.	85.	70.	69.	82.
13 27 18	59921.	.43	298.	15.00	-.01	80.	76.	74.	84.	84.	71.	60.	78.
13 27 21	59842.	.45	294.	15.00	-.02	79.	80.	73.	82.	82.	71.	71.	88.
13 27 24	60802.	.41	307.	15.00	0.00	80.	82.	75.	79.	84.	73.	71.	79.
13 27 27	49116.	.45	304.	15.00	0.00	79.	83.	75.	82.	83.	72.	70.	80.
13 27 30	58226.	.41	303.	15.00	0.00	79.	84.	74.	79.	84.	71.	75.	82.
13 27 33	44967.	.44	299.	15.00	-.01	78.	84.	75.	82.	84.	71.	71.	81.
13 27 36	32535.	.50	290.	15.00	0.00	78.	84.	71.	79.	85.	71.	74.	79.
13 27 39	28159.	.54	291.	15.00	-.02	81.	84.	75.	79.	85.	72.	72.	79.
13 27 42	15170.	.56	306.	15.00	0.00	81.	83.	79.	78.	85.	72.	67.	78.
13 27 45	9812.	.53	302.	15.00	-.00	79.	83.	70.	81.	84.	72.	70.	84.
13 27 48	933.	.41	309.	15.00	-.06	82.	79.	73.	78.	84.	72.	76.	81.
13 27 51	409.	.62	301.	15.00	-.03	82.	81.	76.	76.	85.	72.	72.	81.
13 27 54	222.	.48	299.	15.00	-.01	80.	80.	73.	79.	83.	69.	72.	83.
13 27 57	1340.	.56	299.	15.00	-.00	80.	81.	75.	79.	84.	70.	71.	81.
13 28 00	2316.	.56	302.	15.00	-.02	80.	83.	78.	84.	85.	72.	78.	79.
13 28 03	2631.	.53	302.	15.00	-.01	80.	84.	76.	80.	85.	72.	78.	79.
13 28 06	756.	.56	300.	15.00	-.00	81.	85.	79.	80.	82.	70.	67.	80.
13 28 09	711.	.44	304.	15.00	-.00	80.	85.	75.	82.	82.	71.	69.	88.
13 28 12	133.	.56	294.	15.00	-.00	78.	84.	71.	85.	84.	70.	73.	83.
13 28 15	89.	.61	308.	15.00	0.00	80.	84.	74.	83.	84.	70.	71.	81.
13 28 18	178.	.73	320.	15.00	0.00	80.	84.	76.	77.	84.	70.	73.	80.
13 28 21	311.	.76	329.	15.00	-.01	78.	93.	75.	81.	83.	70.	71.	76.
13 28 24	311.	.76	360.	15.00	-.01	76.	82.	73.	80.	82.	69.	74.	77.
13 28 27	400.	.79	366.	15.00	-.02	76.	82.	72.	81.	81.	69.	74.	72.
13 28 30	133.	1.00	409.	15.00	-.04	75.	81.	75.	81.	81.	69.	69.	72.
13 28 33	267.	.90	420.	15.00	-.03	75.	79.	73.	81.	77.	71.	71.	74.
13 28 36	489.	.70	452.	15.00	-.02	76.	76.	73.	74.	77.	71.	71.	74.
13 28 39	756.	.69	459.	15.00	-.04	77.	81.	74.	80.	78.	72.	72.	75.
13 28 42	400.	.63	488.	15.00	-.01	75.	84.	74.	88.	75.	72.	76.	88.
13 28 45	622.	.57	493.	15.00	-.02	76.	83.	78.	78.	81.	73.	74.	78.
13 28 48	311.	.62	535.	15.00	-.01	77.	84.	74.	75.	84.	76.	78.	82.
13 28 51	444.	.58	535.	15.00	-.00	77.	85.	75.	78.	83.	76.	79.	83.
13 28 54	933.	.56	550.	15.00	-.01	78.	86.	76.	82.	82.	76.	78.	79.
13 28 57	576.	.60	561.	15.00	-.01	79.	86.	78.	83.	82.	77.	74.	88.

03

TIME H/M/S	CS PRESS ALT	EC 1 PRESS CABIN ALT	EC 23 TEMP AIR UPSTR OF BLEED AIR REG	EC 92 PRESS DIFF L/H ELECT BAY	EC 93 PRESS DIFF R/H ELECT BAY	EC 4 TEMP AIR PILOTS HEAD LEVEL	EC 5 TEMP AIR PILOTS FOOT LEVEL	EC 7 TEMP AIR PILOTS WAIST LEVEL	EC 8 TEMP AIR CO-PLT HEAD LEVEL	EC 9 TEMP AIR CO PILOTS FOOT LEVEL	EC 11 TEMP AIR CO PILOTS WAIST LEVEL	EC 12 TEMP AIR OUTLET DE-FOG R/H CABIN	EC 13 TEMP AIR OUTLET DE-FOG L/H CABIN
14 4 29	44.	.57	506.	15.00	0.00	80.	86.	76.	76.	84.	77.	80.	83.
14 4 34	267.	.55	592.	15.00	.01	80.	85.	79.	76.	84.	78.	76.	78.
14 4 39	578.	.50	601.	15.00	-.01	80.	87.	76.	84.	82.	78.	82.	85.
14 4 44	756.	.53	617.	15.00	.00	81.	87.	79.	84.	82.	78.	76.	83.
14 4 49	311.	.59	661.	15.00	.01	83.	85.	79.	80.	84.	79.	75.	81.
14 4 54	311.	.59	601.	15.00	.00	84.	85.	79.	80.	84.	79.	75.	80.
14 4 59	311.	.51	704.	15.00	.01	81.	86.	84.	86.	84.	78.	76.	82.
14 5 4	667.	.52	707.	15.00	.01	82.	86.	83.	82.	84.	79.	78.	83.
14 5 9	409.	.34	741.	15.00	-.03	79.	86.	76.	85.	82.	78.	83.	85.
14 5 14	844.	.43	743.	15.00	.01	81.	86.	80.	82.	83.	77.	81.	84.
14 5 19	1022.	.59	761.	15.00	0.00	82.	85.	79.	84.	75.	76.	75.	84.
14 5 24	869.	.59	765.	15.00	0.00	82.	85.	79.	79.	76.	76.	81.	85.
14 5 29	489.	.60	770.	15.03	.03	82.	85.	84.	84.	84.	78.	75.	80.
14 5 39	444.	.53	783.	15.00	.00	80.	86.	82.	83.	83.	78.	80.	83.
14 5 39	667.	.53	787.	15.03	0.00	82.	84.	84.	79.	83.	79.	80.	79.
14 5 44	578.	.56	788.	15.00	.00	81.	85.	81.	82.	83.	79.	81.	82.
14 5 49	222.	.45	795.	15.00	0.00	81.	86.	80.	77.	84.	78.	84.	87.
14 5 54	444.	.52	765.	15.00	.03	80.	86.	79.	81.	83.	76.	82.	87.
14 5 59	489.	.41	654.	15.03	0.00	80.	86.	78.	84.	82.	74.	80.	87.
14 6 9	222.	.31	640.	15.00	-.01	81.	86.	81.	79.	83.	76.	80.	84.
14 6 14	-44.	.34	577.	15.00	-.30	83.	86.	84.	84.	83.	79.	74.	82.
14 6 19	267.	.38	553.	15.00	-.01	82.	88.	82.	80.	84.	78.	79.	84.
14 6 24	1022.	.47	493.	15.00	.01	82.	89.	84.	86.	84.	79.	77.	82.
14 6 29	809.	.49	474.	15.00	.00	82.	90.	83.	86.	86.	79.	79.	84.
14 6 34	406.	.48	444.	15.00	0.00	82.	90.	79.	88.	85.	78.	84.	74.
14 6 39	222.	.40	376.	15.00	-.00	80.	87.	76.	82.	85.	76.	82.	76.
14 6 44	311.	.45	291.	15.00	-.04	79.	82.	74.	84.	85.	73.	76.	84.
14 6 49	622.	.51	294.	15.00	-.01	80.	84.	77.	82.	85.	73.	76.	84.
14 6 54	176.	.45	291.	15.00	-.00	81.	84.	77.	78.	86.	72.	76.	83.
14 6 59	667.	.40	301.	15.00	-.01	82.	83.	80.	80.	85.	72.	74.	81.
14 7 4	489.	.45	298.	15.00	-.00	82.	83.	80.	80.	87.	72.	69.	88.
14 7 9	844.	.48	290.	15.06	.03	80.	83.	80.	87.	86.	71.	71.	81.
14 7 14	809.	.49	301.	15.00	.02	80.	83.	77.	85.	85.	72.	74.	83.
14 7 19	1467.	.51	300.	15.00	0.00	80.	84.	74.	84.	84.	73.	73.	82.
14 7 24	711.	.46	299.	15.00	-.01	79.	83.	74.	83.	85.	73.	74.	84.
14 7 29	480.	.47	311.	15.00	-.02	74.	82.	72.	82.	84.	72.	79.	84.
14 7 34	178.	.48	306.	15.00	-.03	79.	83.	73.	83.	82.	72.	77.	85.
14 7 39	844.	.50	299.	15.00	.00	81.	84.	75.	74.	74.	72.	76.	83.
14 7 44	444.	.50	299.	15.00	.01	81.	83.	75.	73.	88.	73.	76.	81.
14 7 49	409.	.38	305.	15.00	.00	81.	84.	77.	80.	86.	73.	74.	82.
14 7 54	844.	.44	299.	15.00	.01	78.	84.	78.	80.	86.	73.	74.	81.
14 7 59	578.	.41	312.	15.00	0.00	80.	84.	76.	89.	86.	72.	71.	82.
14 8 4	624.	.40	306.	15.00	.01	80.	83.	74.	83.	85.	72.	70.	80.
14 8 9	222.	.59	291.	15.00	-.01	81.	84.	74.	76.	88.	73.	76.	84.
14 8 14	444.	.51	299.	15.00	-.01	80.	84.	74.	88.	87.	72.	77.	84.
14 8 19	444.	.57	296.	15.00	0.00	76.	84.	74.	81.	86.	73.	76.	84.
14 8 24	444.	.46	304.	15.00	-.01	78.	83.	74.	80.	87.	73.	76.	85.
14 8 29	311.	.46	296.	15.00	0.00	78.	83.	78.	84.	86.	73.	72.	79.

TIME H/M/S	CS PRESS ALT	EC PRESS CABIN ALT	EC 23 TEMP AIR UPSTR OF BLEED AR REG	EC 92 PRESS DIFF L/H ELECT BAY	EC 93 PRESS DIFF R/H ELECT BAY	EC 4 TEMP AIR PILOTS HEAD LEVEL	EC 5 TEMP AIR PILOTS FOOT LEVEL	EC 7 TEMP AIR PILOTS MAIST LEVEL	EC 8 TEMP AIR CO-PLT HEAD LEVEL	EC 9 TEMP AIR CO PILOTS FOOT LEVEL	EC 11 TEMP AIR CO PILOTS MAIST LEVEL	EC 12 TEMP AIR OUTLET DE-FOG R/H CABIN	EC 13 TEMP AIR OUTLET DE-FOG L/H CABIN
14 10 4	489.	.43	300.	15.00	.01	76.	83.	79.	80.	86.	73.	71.	80.
14 10 4	-64.	.51	301.	15.00	.01	74.	76.	79.	80.	86.	73.	71.	79.
14 10 9	267.	.42	304.	15.00	-0.00	77.	79.	76.	79.	87.	73.	74.	82.
14 10 14	222.	.59	296.	15.00	-0.00	82.	85.	76.	83.	91.	74.	78.	86.
14 10 19	183.	.52	299.	15.00	-0.00	81.	89.	74.	80.	88.	75.	78.	88.
14 32 7	489.	.09	352.	15.00	-0.02	77.	86.	75.	80.	79.	66.	67.	74.
14 32 13	489.	.19	347.	15.00	-0.01	79.	85.	77.	79.	81.	70.	68.	75.
14 32 18	132.	.09	307.	15.00	.01	60.	85.	79.	77.	82.	73.	69.	75.
14 32 23	133.	.12	355.	15.00	.05	80.	85.	80.	79.	82.	72.	68.	75.
14 32 28	766.	.16	349.	15.00	0.00	80.	85.	79.	80.	75.	72.	69.	76.
14 32 33	756.	.14	345.	15.00	0.00	79.	85.	79.	81.	80.	72.	70.	76.
14 32 39	222.	.12	351.	15.00	-0.02	77.	86.	76.	82.	82.	72.	70.	80.
14 32 44	489.	.16	347.	15.00	0.00	78.	86.	79.	79.	82.	72.	74.	81.
14 32 49	133.	.21	352.	15.00	.04	76.	84.	75.	77.	82.	72.	76.	81.
14 32 54	-844.	.18	346.	15.00	.03	77.	85.	76.	78.	82.	72.	77.	81.
14 32 59	-1911.	.15	344.	15.00	0.00	80.	86.	77.	78.	83.	73.	76.	80.
14 33 4	-1601.	.07	337.	15.00	-0.00	80.	86.	76.	76.	83.	73.	75.	78.
14 33 9	-1822.	.13	334.	15.00	-0.03	79.	87.	78.	77.	83.	73.	76.	79.
14 33 14	-1911.	.21	333.	15.00	-0.02	79.	86.	78.	78.	83.	73.	75.	79.

03

C COMMUTATOR

TIME H/M/S	EC 14 TEMP AIR OUTLET OVERHNG L/H CPB/H	EC 15 TEMP AIR INLET CABIN SENSOR 1-12	EC 16 TEMP AIR INLET DUCT TEE CABIN	EC 17 TEMP AIR CABIN EXIT	EC 18 TEMP AIR BEHIND PILOTS PANEL	EC 19 TEMP AIR BEHIND CO-PLT PANEL	EC 20 TEMP SU-FAC MIND SHIELD BOTTOM	EC 21 TEMP SURFAC MIND SHIELD CENTER	EC 24 PRESS UPSTRM OF BLEED AIR REG	EC 25 FLOW PRESS UPSTRM OF BLD AIR	EC 26 TEMP AIR DNMSTR OF SERVICE AIR REG
13 1 1	101.	102.	93.	102.	110.	115.	98.	97.	-3.	-0.	94.
13 1 12	99.	98.	92.	101.	110.	116.	98.	101.	-3.	-0.	88.
13 1 17	96.	97.	90.	99.	112.	120.	95.	103.	-1.	0.	102.
13 1 22	97.	97.	87.	98.	112.	120.	94.	102.	-3.	0.	93.
13 1 27	97.	101.	90.	101.	112.	121.	91.	98.	-4.	0.	88.
13 1 32	94.	100.	90.	101.	112.	119.	93.	96.	-4.	0.	88.
13 1 38	101.	108.	91.	101.	111.	117.	93.	97.	-3.	0.	94.
13 1 44	100.	101.	93.	103.	111.	117.	93.	97.	-4.	0.	88.
13 1 53	96.	99.	92.	102.	111.	114.	99.	96.	-2.	0.	98.
13 1 58	96.	96.	89.	100.	110.	114.	98.	100.	-2.	0.	92.
13 4 1 50	97.	98.	89.	99.	103.	120.	93.	102.	-3.	0.	86.
13 4 1 58	97.	101.	91.	101.	103.	120.	93.	102.	-2.	0.	98.
13 4 2 3	99.	101.	91.	101.	110.	115.	99.	95.	-5.	0.	78.
13 4 2 8	94.	98.	91.	101.	109.	114.	100.	99.	-4.	0.	84.
13 4 2 13	94.	97.	90.	99.	110.	118.	97.	99.	-4.	0.	73.
13 4 2 18	97.	108.	89.	100.	111.	119.	95.	101.	-3.	0.	88.
13 4 2 23	90.	103.	93.	101.	110.	116.	95.	94.	-3.	0.	86.
13 4 6	99.	103.	86.	102.	108.	116.	97.	95.	-3.	0.	98.
13 4 11	97.	105.	86.	102.	113.	118.	94.	95.	-3.	0.	98.
13 4 11	98.	103.	82.	104.	112.	114.	97.	96.	-3.	0.	98.
13 4 16	95.	108.	71.	101.	110.	117.	95.	106.	-3.	0.	142.
13 4 21	94.	108.	71.	102.	110.	117.	96.	106.	-3.	0.	141.
13 4 26	97.	97.	74.	105.	110.	112.	100.	103.	-3.	0.	159.
13 4 31	97.	102.	75.	100.	111.	116.	96.	103.	-3.	0.	160.
13 4 44	95.	102.	79.	101.	110.	116.	98.	102.	-3.	0.	169.
13 4 47	97.	101.	80.	102.	110.	116.	98.	93.	-3.	0.	168.
13 4 52	97.	95.	81.	101.	111.	117.	98.	97.	-3.	0.	170.
13 4 55	99.	98.	82.	102.	112.	118.	98.	105.	-3.	0.	187.
13 5 2	98.	97.	83.	102.	112.	117.	97.	105.	-3.	0.	190.
13 5 7	95.	97.	82.	101.	112.	117.	97.	104.	-3.	0.	196.
13 5 12	97.	97.	83.	102.	111.	116.	97.	104.	-3.	0.	193.
13 5 17	95.	98.	84.	95.	112.	117.	97.	105.	-3.	0.	209.
13 5 22	95.	98.	84.	97.	112.	119.	98.	105.	-3.	0.	202.
13 5 27	98.	98.	84.	97.	112.	119.	92.	103.	-3.	0.	199.
13 5 32	98.	100.	85.	99.	118.	119.	92.	99.	-3.	0.	206.
13 5 37	99.	103.	87.	102.	117.	117.	93.	98.	-3.	0.	203.
13 5 42	99.	99.	86.	102.	117.	116.	93.	97.	-3.	0.	208.
13 5 47	101.	101.	86.	105.	110.	111.	95.	95.	-3.	0.	214.
13 5 52	101.	101.	87.	105.	110.	111.	95.	95.	-3.	0.	200.
13 5 57	97.	97.	86.	101.	110.	110.	97.	95.	-3.	0.	205.
13 6 7	97.	97.	85.	102.	108.	113.	99.	103.	-3.	0.	213.
13 6 12	100.	103.	87.	102.	108.	115.	95.	93.	-3.	0.	196.
13 6 17	98.	100.	84.	101.	108.	119.	93.	98.	-3.	0.	198.
											209.

TIME H/M/S	EC 14 TEMP AIR OUTLET OVERHEAD L/M CABIN	EC 15 TEMP AIR INLET CABIN SENSOR 1-12	EC 16 TEMP AIR INLET DUCT TEE CABIN	EC 17 TEMP AIR CABIN EXIT	EC 6 TEMP PILOTS CREW STAT FLOOR	EC 10 TEMP CO-PLT CREW STAT FLOOR	EC 18 TEMP AIR BEHIND PILOTS PANEL	EC 19 TEMP AIR BEHIND CO-PLT PANEL	EC 21 TEMP SURFAC WIND SHIELD CENTER	EC 24 PRESS UPSTRM OF BLEED AIR REG	EC 25 FLUX PRESS UPSTRM OF BLO AIR	EC 26 TEMP AIR DOWNSTR OF SERVCE AIR REG
13 6 22	96.	101.	85.	101.	96.	96.	110.	118.	98.	13.	1.	214.
13 6 27	101.	102.	86.	103.	95.	97.	110.	112.	94.	13.	1.	199.
13 6 37	99.	100.	85.	101.	95.	97.	112.	116.	98.	13.	1.	203.
13 6 42	99.	102.	86.	101.	96.	96.	110.	114.	55.	13.	1.	210.
13 6 47	96.	100.	86.	100.	96.	96.	111.	115.	100.	13.	1.	216.
13 6 47	99.	101.	88.	103.	96.	95.	108.	109.	95.	14.	1.	231.
13 6 52	96.	101.	87.	102.	95.	96.	111.	113.	97.	14.	1.	210.
13 6 57	96.	101.	86.	101.	95.	95.	112.	115.	99.	15.	1.	219.
13 7 2	95.	98.	85.	101.	97.	95.	112.	114.	99.	19.	1.	216.
13 7 7	95.	97.	86.	101.	97.	95.	111.	115.	103.	27.	1.	233.
13 7 12	95.	101.	76.	102.	96.	96.	112.	114.	102.	29.	1.	240.
13 7 18	84.	101.	52.	101.	95.	95.	113.	114.	100.	36.	2.	254.
13 7 23	83.	96.	42.	99.	95.	95.	113.	114.	97.	36.	2.	264.
13 7 28	84.	96.	43.	99.	95.	95.	112.	108.	94.	47.	2.	264.
13 7 33	81.	94.	42.	97.	96.	95.	111.	106.	92.	47.	2.	265.
13 7 38	72.	88.	38.	95.	95.	95.	112.	112.	99.	43.	2.	278.
13 7 43	72.	89.	48.	96.	96.	96.	112.	112.	97.	36.	1.	206.
13 7 48	71.	90.	48.	97.	95.	96.	114.	113.	93.	28.	2.	304.
13 7 53	70.	87.	39.	97.	95.	96.	113.	113.	100.	29.	1.	306.
13 7 58	69.	90.	38.	95.	95.	95.	115.	114.	97.	38.	1.	317.
13 8 3	69.	88.	38.	96.	95.	95.	113.	111.	95.	38.	1.	319.
13 8 8	71.	90.	39.	99.	95.	95.	114.	107.	91.	38.	1.	327.
13 8 13	68.	88.	37.	96.	95.	98.	114.	111.	94.	38.	1.	336.
13 8 18	71.	85.	40.	96.	95.	94.	111.	106.	101.	11.	0.	314.
13 8 23	69.	85.	40.	95.	95.	95.	111.	106.	99.	12.	1.	315.
13 8 28	70.	87.	42.	94.	95.	95.	111.	109.	97.	17.	1.	312.
13 8 33	69.	88.	41.	94.	95.	92.	112.	112.	100.	18.	1.	321.
13 8 43	75.	95.	46.	97.	95.	95.	112.	100.	94.	19.	0.	315.
13 8 48	78.	95.	45.	98.	95.	95.	112.	105.	91.	19.	1.	311.
13 8 53	77.	95.	45.	99.	95.	92.	111.	105.	91.	20.	1.	306.
13 9 3	72.	91.	40.	93.	94.	94.	112.	102.	91.	20.	1.	303.
13 9 13	73.	90.	40.	89.	95.	97.	112.	112.	103.	18.	1.	289.
13 9 18	76.	94.	42.	95.	95.	95.	108.	104.	105.	19.	1.	293.
13 9 23	73.	93.	43.	96.	95.	93.	109.	104.	95.	18.	1.	291.
13 9 28	74.	91.	39.	92.	95.	95.	111.	112.	103.	18.	1.	286.
13 9 28	74.	91.	40.	93.	95.	94.	109.	107.	95.	18.	1.	305.
13 9 33	74.	92.	39.	94.	94.	95.	113.	112.	100.	19.	1.	298.
13 9 33	75.	91.	40.	92.	95.	94.	110.	108.	95.	19.	1.	290.
13 9 38	76.	95.	40.	95.	94.	94.	111.	108.	93.	19.	1.	295.
13 9 43	74.	93.	40.	94.	93.	94.	111.	105.	91.	19.	1.	299.
13 9 48	75.	93.	41.	96.	90.	93.	108.	103.	97.	18.	1.	289.
13 9 53	74.	92.	39.	94.	92.	93.	110.	107.	95.	19.	1.	270.
13 9 59	74.	90.	43.	95.	95.	93.	108.	103.	97.	19.	1.	274.
13 10 4	74.	91.	42.	95.	95.	95.	108.	102.	95.	19.	1.	289.
13 10 9	73.	91.	39.	91.	94.	94.	113.	101.	55.	19.	1.	281.
13 10 22	74.	91.	40.	94.	93.	94.	113.	110.	101.	18.	1.	291.
13 10 19	74.	94.	41.	94.	95.	95.	110.	106.	95.	21.	1.	286.
13 10 24	73.	92.	40.	93.	95.	94.	111.	106.	90.	21.	1.	259.
									98.	19.	1.	274.

TIME H/M/S	EC 14 TEMP AIR OUTLET OVERHEAD L/H CABIN	EC 15 TEMP AIR INLET CABIN SENSOR 1-12	EC 16 TEMP AIR INLET DUCT TEE CABIN	EC 17 TEMP AIR CABIN EXIT	EC 6 TEMP MASS PILOTS SEAT FLOOR	EC 10 TEMP MASS CO-PLT CREW SEAT FLOOR	EC 10 TEMP AIR BEHIND PILOTS PANEL	EC 19 TEMP AIR BEHIND CO-PLT PANEL	EC 21 TEMP SURFAC WIND SHIELD CENTER	EC 24 PRESS UPSTRM OF BLEED AIR REG	EC 25 FLOW PRESS WIND OF BLD AIR	EC 26 TEMP AIR DOWNSTR OF SERVICE AIR REG
13 10 29	69.	90.	42.	94.	94.	93.	108.	103.	96.	19.	1.	286.
13 10 34	72.	92.	37.	94.	89.	34.	109.	103.	95.	18.	1.	275.
13 10 39	70.	84.	39.	91.	94.	90.	108.	110.	95.	18.	1.	288.
13 10 44	71.	86.	39.	91.	94.	92.	109.	108.	100.	19.	1.	282.
13 10 49	74.	89.	42.	94.	90.	92.	101.	101.	94.	17.	1.	284.
13 10 54	73.	91.	41.	94.	91.	92.	104.	100.	94.	18.	1.	283.
13 11 43	65.	84.	37.	92.	94.	33.	110.	95.	96.	20.	2.	288.
13 11 48	64.	83.	36.	92.	94.	33.	109.	95.	99.	33.	2.	282.
13 11 58	56.	83.	36.	92.	93.	30.	112.	106.	95.	41.	2.	279.
13 12 3	59.	85.	37.	90.	93.	30.	111.	103.	91.	41.	2.	288.
13 12 3	56.	80.	35.	88.	93.	33.	108.	106.	97.	45.	2.	301.
13 12 8	55.	80.	35.	88.	93.	32.	109.	103.	95.	46.	2.	296.
13 12 13	52.	85.	39.	89.	93.	32.	110.	99.	85.	54.	1.	383.
13 12 18	56.	87.	37.	87.	92.	32.	110.	97.	86.	57.	1.	303.
13 12 28	55.	84.	37.	80.	91.	85.	118.	97.	85.	61.	1.	304.
13 12 33	55.	83.	38.	80.	92.	89.	119.	98.	82.	61.	1.	317.
13 12 38	54.	82.	39.	80.	92.	91.	108.	97.	85.	59.	1.	311.
13 12 38	54.	80.	38.	89.	92.	31.	108.	97.	88.	59.	1.	321.
13 12 43	51.	77.	35.	86.	93.	91.	118.	101.	95.	61.	1.	335.
13 12 48	51.	78.	35.	85.	93.	88.	118.	103.	93.	61.	1.	332.
13 12 53	54.	81.	39.	80.	91.	31.	108.	97.	85.	63.	1.	345.
13 12 58	53.	81.	38.	89.	92.	31.	106.	97.	86.	59.	1.	344.
13 13 3	51.	82.	37.	85.	91.	92.	110.	95.	87.	58.	1.	355.
13 13 9	51.	79.	36.	85.	91.	92.	109.	92.	91.	58.	1.	368.
13 13 14	53.	83.	38.	83.	91.	90.	109.	101.	87.	58.	1.	368.
13 13 19	53.	82.	39.	85.	91.	30.	107.	99.	87.	59.	1.	363.
13 13 24	50.	79.	42.	85.	91.	92.	109.	104.	87.	58.	1.	380.
13 13 29	53.	82.	49.	83.	91.	91.	109.	101.	85.	59.	1.	374.
13 13 34	58.	80.	65.	86.	92.	31.	107.	96.	86.	61.	1.	368.
13 13 39	56.	81.	71.	87.	91.	31.	108.	100.	94.	61.	1.	369.
13 13 44	63.	90.	90.	91.	91.	90.	107.	95.	86.	60.	1.	373.
13 13 49	61.	87.	72.	89.	91.	90.	107.	97.	92.	58.	1.	383.
13 13 54	60.	90.	42.	84.	90.	92.	108.	102.	90.	58.	1.	386.
13 13 59	60.	91.	42.	86.	91.	31.	107.	98.	88.	59.	1.	376.
13 14 4	53.	87.	42.	85.	91.	30.	105.	84.	91.	58.	1.	379.
13 14 9	53.	87.	48.	85.	91.	90.	105.	93.	88.	58.	1.	382.
13 14 14	58.	91.	40.	87.	91.	90.	106.	94.	85.	61.	1.	384.
13 14 19	61.	91.	68.	87.	90.	30.	109.	93.	88.	58.	1.	389.
13 14 24	62.	86.	127.	90.	90.	30.	107.	97.	85.	60.	1.	389.
13 14 34	75.	89.	138.	93.	91.	30.	105.	95.	91.	59.	1.	398.
13 14 34	91.	95.	165.	97.	90.	90.	107.	97.	84.	58.	1.	383.
13 14 39	95.	94.	172.	98.	90.	30.	106.	95.	86.	58.	1.	384.
13 14 44	103.	95.	183.	101.	92.	90.	108.	97.	86.	60.	1.	403.
13 14 49	96.	96.	135.	97.	91.	91.	109.	100.	85.	59.	1.	401.
13 14 54	84.	88.	61.	90.	90.	90.	106.	99.	87.	58.	1.	408.
13 15 4	84.	89.	58.	90.	91.	90.	104.	96.	94.	58.	1.	405.
13 15 9	75.	90.	50.	89.	90.	91.	107.	96.	88.	59.	1.	400.
13 15 14	77.	87.	47.	87.	90.	51.	107.	91.	91.	59.	1.	407.
13 15 19	76.	82.	44.	84.	92.	91.	104.	96.	95.	59.	1.	398.

TIME H/M/S	EC 14 TEMP AIR OUTLET OVERHLD L/H CABIN	EC 15 TEMP AIR INLET CABIN SENSOR 1-12	EC 16 TEMP AIR INLET DUCT TEE CABIN	EC 17 TEMP AIR CABIN EXIT	EC 18 TEMP AIR BEHIND PILOTS PANEL	EC 19 TEMP AIR BEHIND CO-PLT PANEL	EC 20 TEMP SURFAC WIND SHIELD BOTTOM	EC 21 TEMP SURFAC WIND SHIELD CENTER	EC 24 PRESS UPSTRM OF BLEED AIR REG	EC 25 FLOW PRESS UPSTRM OF BLO AIR	EC 26 TEMP AIR DMNSTR OF SERVICE AIR REG
13 15 19	72.	82.	46.	87.	104.	94.	96.	52.	59.	1.	481.
13 15 24	74.	84.	53.	88.	100.	97.	88.	80.	58.	1.	399.
13 15 29	73.	85.	59.	90.	100.	99.	87.	86.	59.	1.	400.
13 15 34	73.	84.	70.	88.	106.	100.	94.	96.	56.	1.	411.
13 15 39	74.	85.	73.	89.	105.	97.	95.	95.	59.	1.	397.
13 15 44	75.	88.	76.	91.	103.	93.	97.	93.	58.	1.	305.
13 15 50	74.	87.	64.	91.	104.	93.	96.	93.	57.	1.	397.
13 15 55	63.	88.	44.	80.	104.	94.	97.	95.	57.	1.	400.
13 16 0	64.	86.	40.	87.	103.	94.	97.	94.	58.	1.	406.
13 16 5	65.	86.	40.	87.	103.	94.	92.	93.	59.	1.	395.
13 16 10	65.	88.	40.	87.	102.	93.	94.	91.	59.	1.	396.
13 16 15	65.	92.	34.	85.	103.	92.	92.	86.	60.	1.	424.
13 16 20	69.	91.	71.	88.	103.	92.	93.	86.	59.	1.	419.
13 16 25	83.	94.	140.	94.	105.	95.	92.	85.	58.	1.	400.
13 16 30	87.	93.	149.	94.	106.	97.	90.	80.	58.	1.	410.
13 16 35	93.	89.	172.	90.	106.	98.	93.	87.	59.	1.	413.
13 16 40	98.	90.	179.	98.	104.	95.	95.	94.	59.	1.	411.
13 16 53	110.	95.	190.	102.	109.	90.	89.	91.	57.	1.	418.
13 16 58	103.	95.	141.	98.	108.	94.	90.	93.	57.	1.	410.
13 16 55	93.	91.	65.	92.	103.	94.	97.	95.	58.	1.	413.
13 17 0	91.	88.	61.	91.	104.	95.	93.	91.	58.	1.	413.
13 17 10	85.	87.	51.	88.	107.	101.	88.	91.	60.	1.	415.
13 17 16	83.	86.	49.	88.	106.	100.	98.	93.	60.	1.	413.
13 17 15	79.	87.	46.	88.	106.	101.	90.	94.	60.	1.	400.
13 17 20	77.	86.	47.	88.	105.	100.	91.	94.	60.	1.	401.
13 17 25	77.	86.	59.	88.	106.	100.	90.	90.	60.	1.	410.
13 17 30	77.	86.	61.	88.	107.	98.	90.	97.	59.	1.	413.
13 17 40	76.	86.	71.	89.	105.	97.	91.	93.	61.	1.	408.
13 17 45	78.	87.	73.	87.	106.	98.	91.	95.	61.	1.	413.
13 17 50	77.	87.	69.	91.	105.	98.	91.	95.	59.	1.	406.
13 17 55	75.	88.	59.	88.	105.	98.	91.	95.	58.	1.	403.
13 17 55	72.	87.	42.	86.	102.	92.	96.	92.	60.	1.	421.
13 18 0	72.	89.	43.	86.	102.	91.	95.	91.	59.	1.	415.
13 18 5	68.	93.	40.	86.	100.	96.	89.	86.	57.	1.	415.
13 18 10	67.	90.	40.	85.	101.	95.	88.	91.	58.	1.	420.
13 18 15	65.	87.	50.	86.	99.	90.	88.	92.	56.	1.	420.
13 18 20	71.	90.	84.	89.	101.	90.	90.	88.	56.	1.	412.
13 18 26	85.	92.	141.	93.	106.	90.	88.	89.	54.	1.	416.
13 18 31	90.	93.	150.	95.	104.	95.	90.	87.	58.	1.	415.
13 18 36	104.	94.	172.	97.	103.	92.	92.	86.	57.	1.	428.
13 18 41	106.	94.	170.	99.	103.	98.	92.	92.	50.	1.	423.
13 18 46	112.	95.	195.	101.	105.	94.	91.	86.	59.	1.	421.
13 18 51	109.	98.	140.	99.	105.	94.	90.	87.	59.	1.	423.
13 18 56	90.	94.	69.	98.	106.	97.	93.	93.	57.	1.	408.
13 19 1	93.	93.	72.	90.	102.	98.	91.	93.	59.	1.	411.
13 19 6	95.	88.	72.	90.	101.	95.	93.	95.	60.	1.	430.
13 19 11	92.	87.	67.	88.	102.	95.	93.	96.	60.	1.	425.
13 19 16	87.	82.	55.	88.	103.	96.	93.	95.	58.	1.	427.
13 19 21	86.	84.	54.	90.	101.	94.	93.	95.	51.	1.	422.

TIME MM/SS	EC 14 TEMP AIR OUTLET OVERH L/H CABIN	EC 15 TEMP AIR INLET CABIN SENSOR 1-12	EC 16 TEMP AIR INLET DUCT TEE CABIN	EC 17 TEMP AIR CABIN EXIT	EC 18 TEMP AIR PILOTS PANEL	EC 19 TEMP AIR BEHIND CO-PLT PANEL	EC 20 TEMP SURFAC WIND SHIELD BOTTOM	EC 21 TEMP SURFAC WIND SHIELD CENTER	EC 24 PRESS UPSTRM OF BLEED AIR REG	EC 25 FLOW PRESS OF BLU AIR	EC 26 TEMP AIR DMSTR OF SERVICE AIR REG
13 22 24	86.	89.	53.	98.	101.	90.	91.	95.	21.	1.	399.
13 22 29	81.	87.	54.	93.	101.	91.	93.	56.	20.	1.	354.
13 22 34	77.	87.	55.	101.	99.	88.	99.	91.	21.	1.	324.
13 22 39	78.	89.	56.	101.	99.	88.	97.	91.	20.	1.	316.
13 22 44	78.	92.	57.	97.	103.	89.	93.	85.	17.	1.	315.
13 22 49	79.	91.	56.	95.	101.	92.	92.	86.	10.	1.	318.
13 22 54	79.	92.	56.	98.	101.	92.	84.	88.	19.	1.	315.
13 22 59	78.	91.	56.	98.	101.	92.	83.	82.	20.	1.	307.
13 23 4	79.	91.	55.	100.	102.	95.	91.	89.	19.	1.	308.
13 23 18	78.	92.	56.	99.	103.	95.	89.	91.	10.	1.	320.
13 23 19	76.	90.	55.	99.	103.	95.	91.	93.	19.	1.	314.
13 23 24	77.	86.	57.	101.	97.	91.	180.	56.	10.	1.	300.
13 23 25	77.	88.	55.	99.	99.	89.	90.	94.	10.	1.	302.
13 23 30	78.	94.	55.	100.	101.	91.	93.	86.	10.	1.	300.
13 23 35	78.	89.	54.	99.	102.	95.	91.	90.	10.	1.	299.
13 23 40	77.	86.	55.	101.	99.	91.	95.	95.	10.	1.	307.
13 23 45	77.	89.	54.	101.	99.	92.	92.	92.	19.	1.	302.
13 23 50	76.	86.	53.	100.	102.	93.	95.	89.	21.	1.	306.
13 23 55	77.	89.	55.	101.	102.	91.	94.	93.	20.	1.	299.
13 24 0	76.	90.	52.	99.	103.	97.	90.	53.	14.	1.	295.
13 24 5	76.	90.	53.	100.	102.	95.	90.	98.	16.	1.	301.
13 24 10	75.	86.	53.	101.	101.	93.	95.	99.	21.	1.	295.
13 24 15	77.	89.	54.	101.	105.	91.	93.	94.	10.	1.	300.
13 24 20	77.	90.	52.	101.	105.	96.	90.	91.	10.	1.	300.
13 24 25	77.	85.	52.	101.	103.	93.	92.	94.	19.	1.	302.
13 24 30	76.	87.	52.	100.	100.	88.	97.	95.	21.	1.	209.
13 24 35	76.	90.	53.	100.	102.	91.	94.	55.	19.	1.	292.
13 24 40	75.	86.	52.	101.	102.	94.	95.	90.	10.	1.	204.
13 24 45	76.	88.	53.	102.	101.	91.	95.	94.	20.	1.	209.
13 24 50	74.	88.	51.	97.	106.	96.	91.	55.	19.	1.	298.
13 25 0	74.	87.	52.	100.	106.	93.	90.	55.	19.	1.	209.
13 25 5	76.	88.	54.	104.	96.	88.	97.	84.	20.	1.	201.
13 25 10	76.	86.	53.	103.	106.	90.	94.	87.	20.	1.	278.
13 25 15	76.	90.	45.	101.	105.	90.	90.	94.	21.	1.	200.
13 25 20	74.	88.	47.	101.	105.	97.	92.	94.	21.	1.	207.
13 25 25	71.	86.	49.	100.	103.	95.	93.	57.	10.	1.	200.
13 25 30	72.	86.	49.	100.	103.	95.	94.	99.	19.	1.	278.
13 25 35	76.	90.	55.	102.	99.	90.	95.	51.	20.	1.	276.
13 25 40	77.	89.	53.	102.	100.	88.	96.	91.	19.	1.	207.
13 25 45	75.	89.	51.	100.	103.	91.	94.	91.	17.	1.	205.
13 25 50	75.	86.	51.	103.	103.	90.	98.	91.	10.	1.	202.
13 25 55	76.	85.	51.	103.	106.	90.	96.	59.	21.	1.	273.
13 26 1	75.	91.	51.	101.	106.	95.	90.	91.	20.	1.	273.
13 26 6	75.	89.	50.	101.	106.	90.	94.	58.	16.	1.	294.
13 26 11	74.	86.	51.	102.	106.	89.	94.	93.	18.	1.	286.
13 26 16	74.	88.	50.	101.	102.	93.	92.	53.	19.	1.	270.
13 26 21	77.	90.	46.	103.	106.	89.	97.	90.	20.	1.	280.

TIME H/M/S	EC 14 TEMP AIR OUTLET OVERHEAD L/H CABIN	EC 15 TEMP AIR INLET CABIN SENSOR 1-12	EC 16 TEMP AIR INLET DUCT TEE CABIN	EC 17 TEMP AIR CABIN EXIT	EC 6 TEMP MASS PILOTS CREW STAT FLOOR	EC 10 TEMP MASS CO-PLT CREW STAT FLOOR	EC 18 TEMP AIR BEHIND PILOTS PANEL	EC 19 TEMP AIR BEHIND CO-PLT PANEL	EC 20 TEMP SURFACE WIND SHIELD BOTTOM	EC 21 TEMP SURFACE WIND SHIELD CENTER	EC 24 PRESS UPSTRM OF BLEED AIR REG	EC 25 FLOW PRESS UPSTRM OF BLU AIR	EC 26 TEMP AIR UNSTR OF SERVICE AIR REG
13 26 26	75.	89.	48.	102.	89.	90.	102.	93.	94.	93.	20.	1.	273.
13 26 31	71.	86.	48.	101.	98.	30.	103.	97.	94.	97.	18.	1.	278.
13 26 36	74.	86.	50.	102.	90.	59.	103.	93.	94.	93.	18.	1.	276.
13 26 41	74.	90.	58.	101.	90.	89.	103.	98.	91.	98.	17.	1.	283.
13 26 46	73.	88.	58.	101.	90.	89.	103.	97.	93.	98.	18.	1.	285.
13 26 51	67.	86.	58.	101.	87.	84.	100.	89.	91.	88.	20.	1.	269.
13 26 56	66.	83.	48.	100.	87.	84.	106.	98.	94.	92.	20.	1.	266.
13 27 01	65.	83.	46.	98.	85.	85.	103.	95.	94.	95.	19.	1.	268.
13 27 06	66.	86.	48.	93.	85.	85.	102.	92.	95.	91.	19.	1.	271.
13 27 11	66.	74.	48.	101.	89.	85.	95.	98.	97.	91.	17.	1.	270.
13 27 16	66.	79.	49.	100.	88.	79.	99.	91.	93.	98.	18.	1.	278.
13 27 21	66.	86.	48.	98.	87.	85.	102.	98.	90.	98.	18.	1.	268.
13 27 26	66.	86.	48.	99.	87.	85.	103.	95.	92.	98.	19.	1.	267.
13 27 31	66.	83.	49.	99.	86.	86.	101.	92.	98.	86.	19.	1.	276.
13 27 36	66.	83.	49.	99.	86.	85.	101.	89.	95.	95.	19.	1.	273.
13 27 41	65.	82.	50.	101.	87.	74.	100.	91.	93.	96.	19.	1.	278.
13 27 46	69.	86.	51.	100.	87.	79.	101.	87.	92.	95.	19.	1.	256.
13 27 51	67.	84.	58.	98.	88.	79.	100.	89.	93.	91.	19.	1.	273.
13 27 56	67.	87.	32.	98.	84.	85.	102.	91.	84.	91.	24.	1.	244.
13 28 01	66.	84.	48.	100.	86.	85.	98.	90.	89.	94.	19.	1.	254.
13 28 06	67.	80.	50.	100.	85.	84.	133.	91.	98.	91.	20.	1.	268.
13 28 11	68.	87.	51.	101.	86.	84.	101.	89.	91.	98.	19.	1.	268.
13 28 16	68.	84.	52.	101.	86.	84.	97.	84.	85.	92.	19.	1.	268.
13 28 21	67.	83.	51.	98.	87.	84.	100.	88.	94.	92.	18.	1.	272.
13 28 26	66.	87.	58.	99.	86.	79.	102.	91.	98.	88.	20.	1.	273.
13 28 31	66.	86.	58.	100.	88.	81.	100.	88.	93.	88.	19.	1.	271.
13 28 36	66.	82.	48.	95.	84.	83.	102.	90.	90.	96.	19.	1.	273.
13 28 41	65.	82.	42.	100.	87.	84.	101.	87.	91.	91.	18.	1.	266.
13 28 46	66.	84.	45.	100.	87.	84.	99.	88.	96.	95.	18.	1.	268.
13 28 51	66.	82.	45.	101.	86.	83.	100.	89.	92.	92.	19.	1.	253.
13 29 01	66.	82.	45.	100.	86.	83.	97.	84.	95.	98.	20.	1.	268.
13 29 06	65.	82.	38.	98.	85.	84.	101.	92.	94.	92.	20.	1.	264.
13 29 11	66.	87.	46.	97.	85.	83.	99.	89.	92.	91.	19.	1.	266.
13 29 16	66.	87.	45.	97.	85.	84.	97.	87.	92.	91.	23.	1.	266.
13 29 21	66.	83.	45.	97.	86.	84.	97.	88.	93.	92.	30.	1.	265.
13 29 26	66.	82.	47.	96.	85.	84.	101.	91.	93.	92.	33.	1.	266.
13 29 31	63.	81.	49.	96.	85.	84.	101.	91.	91.	91.	43.	2.	268.
13 29 36	63.	79.	49.	96.	85.	84.	101.	91.	91.	91.	43.	2.	276.
13 29 41	63.	79.	56.	96.	86.	82.	98.	88.	95.	90.	55.	2.	254.
13 29 46	68.	85.	74.	95.	86.	83.	98.	90.	93.	91.	58.	2.	272.
13 29 51	69.	86.	78.	96.	85.	83.	97.	88.	95.	95.	65.	1.	283.
13 30 01	72.	86.	88.	95.	85.	84.	97.	86.	93.	84.	78.	1.	298.
13 30 06	74.	87.	92.	96.	85.	84.	98.	87.	89.	91.	94.	1.	309.
13 30 11	72.	89.	99.	97.	86.	84.	98.	87.	88.	99.	94.	1.	318.
13 30 16	77.	87.	96.	96.	86.	84.	97.	88.	90.	85.	112.	1.	322.
13 30 21	77.	87.	96.	96.	86.	84.	98.	88.	90.	85.	115.	1.	326.
13 30 26	77.	84.	97.	95.	86.	84.	98.	93.	92.	94.	123.	0.	339.
13 30 31	77.	84.	97.	95.	85.	83.	98.	91.	92.	94.	127.	0.	344.

TIME H/M/S	EC 14 TEMP AIR OUTLET OVERHD L/M CABIN	EC 15 TEMP AIR INLET CABIN SENSOR 1-12	EC 16 TEMP AIR INLET DUCT TEE CABIN	EC 17 TEMP AIR CABIN EXIT	EC 6 TEMP MASS PILOTS CREW STAT FLOOR	EC 10 TEMP MASS CO-PLT CREW STAT FLOOR	EC 18 TEMP AIR BEHIND PILOTS PANEL	EC 19 TEMP AIR BEHIND CO-PLT PANEL	EC 20 TEMP SURFAC WIND SHIELD BOTTOM	EC 21 TEMP SURFAC WIND SHIELD CENTER	EC 24 PRESS UPSTRM OF BLEED AIR REG	EC 25 FLOW PRESS UPSTR OF BLEED AIR REG	EC 26 TEMP AIR DWNSTR OF SERVICE AIR REG
14 4 29	80.	91.	93.	96.	85.	82.	99.	88.	89.	84.	137.	0.	357.
14 4 34	81.	90.	92.	97.	86.	82.	98.	86.	90.	85.	141.	0.	361.
14 4 39	78.	84.	86.	95.	88.	80.	98.	84.	91.	93.	150.	1.	388.
14 4 44	79.	84.	86.	96.	87.	82.	96.	64.	93.	52.	155.	0.	382.
14 4 49	82.	88.	85.	97.	86.	82.	95.	62.	93.	56.	178.	1.	384.
14 4 54	80.	87.	84.	99.	85.	82.	95.	63.	92.	55.	187.	1.	397.
14 4 59	78.	84.	79.	97.	87.	83.	95.	86.	95.	55.	187.	0.	430.
14 5 4	76.	86.	81.	97.	87.	83.	96.	86.	90.	51.	194.	0.	433.
14 5 9	76.	79.	77.	95.	85.	83.	97.	93.	90.	51.	194.	0.	448.
14 5 14	80.	83.	79.	96.	85.	83.	97.	88.	91.	88.	195.	0.	462.
14 5 19	76.	83.	77.	94.	84.	84.	97.	91.	91.	93.	197.	-1.	459.
14 5 24	78.	87.	79.	95.	84.	84.	98.	82.	91.	93.	196.	-0.	467.
14 5 29	78.	85.	78.	97.	85.	84.	95.	84.	93.	92.	197.	-0.	489.
14 5 34	78.	86.	78.	91.	85.	83.	96.	88.	91.	98.	195.	0.	500.
14 5 39	80.	90.	80.	97.	86.	82.	97.	85.	92.	84.	193.	0.	524.
14 5 44	76.	87.	78.	96.	85.	82.	97.	88.	91.	88.	194.	1.	520.
14 5 49	79.	90.	78.	97.	85.	82.	95.	87.	92.	84.	194.	0.	535.
14 5 54	75.	87.	77.	93.	87.	82.	96.	88.	91.	84.	151.	-0.	533.
14 5 59	75.	86.	77.	95.	86.	82.	97.	90.	94.	86.	28.	0.	535.
14 6 14	75.	89.	80.	98.	86.	80.	96.	86.	93.	85.	23.	1.	535.
14 6 19	75.	90.	77.	97.	85.	82.	97.	87.	93.	84.	19.	1.	532.
14 6 24	76.	85.	74.	98.	86.	82.	96.	87.	91.	86.	22.	1.	518.
14 6 29	78.	85.	63.	97.	84.	82.	99.	92.	87.	84.	21.	1.	459.
14 6 34	74.	89.	56.	97.	84.	82.	101.	93.	89.	80.	21.	1.	369.
14 6 39	67.	84.	49.	97.	85.	83.	100.	93.	92.	93.	20.	1.	290.
14 6 44	68.	86.	49.	97.	85.	83.	100.	92.	90.	91.	19.	1.	277.
14 6 49	71.	89.	58.	100.	85.	82.	100.	88.	98.	83.	18.	1.	278.
14 6 54	71.	87.	48.	101.	85.	82.	101.	87.	91.	84.	19.	1.	288.
14 7 6	70.	86.	50.	100.	87.	81.	99.	84.	84.	87.	22.	1.	266.
14 7 11	70.	86.	50.	100.	85.	82.	99.	85.	84.	87.	21.	1.	278.
14 7 16	68.	81.	48.	102.	87.	80.	98.	89.	94.	95.	19.	1.	265.
14 7 21	68.	82.	48.	99.	87.	81.	98.	91.	93.	95.	19.	1.	274.
14 7 26	66.	82.	47.	97.	86.	83.	100.	94.	92.	94.	18.	1.	280.
14 7 31	65.	85.	48.	99.	86.	84.	102.	95.	90.	92.	21.	1.	284.
14 7 36	67.	84.	47.	99.	85.	83.	101.	94.	91.	93.	20.	1.	289.
14 7 41	71.	87.	42.	97.	85.	82.	99.	94.	91.	84.	19.	1.	271.
14 7 46	70.	87.	46.	98.	85.	83.	100.	90.	90.	88.	20.	1.	270.
14 7 51	71.	87.	50.	100.	85.	83.	99.	88.	90.	84.	20.	1.	278.
14 7 56	71.	87.	53.	100.	86.	84.	99.	87.	91.	84.	20.	1.	278.
14 8 1	65.	82.	52.	99.	86.	84.	100.	91.	93.	96.	21.	1.	283.
14 8 6	69.	81.	53.	99.	85.	83.	96.	88.	95.	93.	18.	1.	288.
14 8 11	71.	88.	56.	97.	85.	84.	103.	90.	80.	91.	19.	1.	293.
14 8 16	65.	87.	55.	97.	85.	84.	102.	92.	89.	91.	20.	1.	296.
14 8 21	69.	86.	55.	97.	85.	83.	101.	94.	89.	87.	19.	1.	300.
14 8 26	70.	87.	56.	98.	85.	84.	99.	94.	88.	87.	21.	1.	296.
14 8 31	69.	83.	56.	99.	86.	86.	99.	90.	95.	96.	20.	1.	295.

TIME
H/M/S

04

EC 14	EC 15	EC 16	EC 17	EC 6	EC 10	EC 10	EC 19	EC 2J	EC 21	EC 24	EC 25	EC 26
TEMP	TEMP	TEMP	TEMP	TEMP	TEMP	TEMP	TEMP	TEMP	TEMP	PRESS	FLOW	TEMP
AIR	AIR	AIR	AIR	PILOTS	WASS	AIR	AIR	SURFAC	SURFAC	UPSTRM	PRESS	AIR
OUTLET	INLET	INLET	CABIN	PILOTS	CO-PLT	BEHIND	BEHIND	MINO	MINO	OF	UPSTR	DOWNSTR
OVERHD	CABIN	DUCT	EXIT	PILOTS	CREA	CO-PLT	CO-PLT	SHIELD	SHIELD	BLEEU	OF	OF
L/H	SENSOR	TEE	STAT	STAT	STAT	PANEL	PANEL	BOTTOM	CENTER	AIR	BLD	SERVICE
CABIN	1-12	CABIN	FLOOR	FLOOR	FLOOR	FLOOR	PANEL	PANEL	REG	REG	REG	REG
69.	83.	56.	99.	86.	84.	99.	89.	96.	93.	20.	1.	287.
71.	84.	56.	103.	86.	83.	94.	89.	95.	58.	21.	0.	285.
71.	87.	56.	101.	86.	81.	99.	90.	92.	85.	21.	0.	282.
70.	88.	55.	98.	86.	79.	103.	94.	90.	87.	19.	1.	285.
71.	88.	54.	96.	85.	81.	103.	93.	89.	87.	19.	1.	289.
64.	84.	47.	91.	84.	84.	100.	85.	47.	81.	2.	0.	273.
69.	84.	48.	91.	85.	82.	99.	84.	47.	80.	-1.	0.	274.
71.	86.	52.	91.	86.	82.	97.	85.	89.	87.	-2.	0.	251.
71.	83.	52.	90.	85.	82.	97.	86.	95.	87.	-3.	0.	256.
65.	82.	53.	88.	88.	83.	96.	88.	95.	90.	-1.	0.	244.
69.	83.	52.	90.	87.	76.	97.	89.	93.	92.	-3.	0.	245.
66.	84.	51.	86.	85.	83.	100.	95.	87.	81.	-3.	0.	227.
69.	87.	53.	87.	85.	83.	100.	94.	86.	88.	-3.	0.	235.
70.	90.	55.	88.	86.	82.	101.	95.	88.	86.	-5.	0.	245.
70.	90.	54.	88.	85.	82.	101.	95.	88.	86.	-4.	0.	248.
72.	91.	56.	86.	86.	82.	99.	90.	90.	84.	-6.	0.	231.
72.	91.	57.	87.	85.	82.	100.	90.	87.	83.	-4.	0.	228.
72.	90.	58.	88.	85.	82.	99.	90.	89.	84.	-4.	0.	218.
72.	91.	56.	89.	85.	82.	90.	91.	89.	84.	-5.	0.	224.

C COMMUTATOR

TIME H/M/S	EC 27 RESS TOTAL DWNSTR SFR AIR PRESS	EC 28 FLOWPR DWNSTR OF SV REC PY270- PY274	EC 39 PRESS STATIC DWNSTR OF PRIMARY HX	EC 39 TEMP AIR UPSTRM OF WATER SEP	EC 44 TEMP AIR DWNSTR OF COMP	EC 45 TEMP AIR INLET ECS TURBIN	EC 46 TEMP AIR OUTLET ECS TURBIN	EC 47 PRESS ECS TURBIN INLET	EC 48 PRESS STATIC ECS TURBIN OUTLET	EC 30 PRESS UPSTRM CF WATER SEP	EC 32 TEMP AIR MAIN CABIN SUPPLY FLUTUBE	EC 33 PRESS MAIN CABIN AT FLOW TUBE	EC 35 TEMP AIR FND EQUIP DAY VENTUR
13 1 1	-1.	20.000	100.	71.	150.	89.	76.	2.	1.84	1.00	86.	.04	75.
13 1 12	-4.	20.000	100.	71.	156.	89.	74.	0.	1.89	1.10	86.	.06	76.
13 1 17	-3.	20.000	100.	71.	141.	88.	75.	-1.	2.03	1.00	85.	0.00	76.
13 1 22	-2.	20.000	100.	71.	144.	89.	75.	0.	1.96	1.09	06.	.62	76.
13 1 27	-1.	20.000	100.	69.	143.	89.	76.	-1.	2.01	1.17	86.	.06	77.
13 1 32	-1.	20.000	100.	70.	147.	89.	76.	-0.	1.96	1.08	87.	.05	77.
13 1 32	-6.	20.000	100.	71.	137.	89.	76.	1.	1.72	1.13	86.	.14	78.
13 1 38	-0.	20.000	100.	72.	142.	89.	76.	-0.	1.80	1.24	86.	.12	78.
13 1 48	-1.	20.000	100.	71.	143.	90.	76.	-1.	1.80	1.31	84.	0.00	77.
13 1 53	-1.	20.000	100.	71.	147.	89.	76.	-0.	1.82	1.28	85.	.01	78.
13 1 58	-0.	20.000	100.	71.	152.	89.	76.	-1.	1.80	1.15	86.	-.01	78.
13 1 58	-0.	20.000	100.	72.	152.	89.	76.	-0.	1.76	1.20	86.	.05	78.
13 2 3	-0.	20.000	100.	72.	152.	90.	76.	-3.	1.62	1.17	84.	0.60	76.
13 2 8	-1.	20.000	100.	68.	151.	89.	76.	-1.	1.68	1.15	79.	.01	76.
13 2 13	-1.	20.000	100.	71.	133.	89.	78.	0.	1.79	1.08	84.	.04	78.
13 2 18	-1.	20.000	100.	74.	139.	89.	77.	-1.	1.79	1.15	85.	.05	79.
13 2 23	-1.	20.000	100.	63.	151.	89.	77.	-1.	1.58	.92	85.	.10	76.
13 4 6	-1.	20.000	100.	68.	150.	89.	77.	-1.	1.65	1.62	85.	.09	77.
13 4 11	31.	20.000	100.	68.	209.	111.	35.	55.	3.11	6.20	78.	.33	38.
13 4 11	36.	20.000	100.	36.	299.	113.	39.	55.	8.54	5.40	71.	.34	37.
13 4 16	36.	20.000	100.	37.	320.	116.	40.	56.	7.61	4.30	59.	.35	39.
13 4 21	37.	20.000	100.	44.	329.	112.	50.	29.	4.79	2.38	68.	.24	40.
13 4 26	43.	20.000	100.	47.	319.	109.	58.	1.	1.86	.66	64.	.10	45.
13 4 31	43.	20.000	100.	47.	312.	108.	59.	0.	1.93	.64	65.	.21	49.
13 4 44	34.	20.000	100.	50.	298.	106.	63.	0.	2.07	.51	69.	.18	42.
13 4 42	33.	20.000	100.	50.	299.	105.	63.	0.	2.05	.50	70.	.24	46.
13 4 47	36.	20.000	100.	51.	299.	104.	68.	0.	1.94	.63	73.	.29	58.
13 4 52	36.	20.000	100.	52.	298.	103.	71.	-0.	1.96	.49	74.	.25	52.
13 4 55	34.	20.000	100.	50.	279.	101.	76.	0.	2.15	.61	74.	.25	52.
13 5 2	34.	20.000	100.	50.	283.	101.	76.	0.	2.11	.58	75.	.24	54.
13 5 7	43.	20.000	100.	53.	288.	100.	76.	0.	2.19	.49	76.	.41	55.
13 5 12	43.	20.000	100.	53.	276.	97.	77.	-0.	2.14	.52	77.	.38	55.
13 5 17	43.	20.000	100.	56.	265.	99.	79.	-1.	2.23	.61	77.	.23	56.
13 5 22	43.	20.000	100.	56.	263.	100.	81.	-0.	2.27	.61	78.	.22	57.
13 5 27	43.	20.000	100.	58.	270.	95.	83.	0.	2.33	.98	82.	.14	68.
13 5 32	43.	20.000	100.	58.	260.	95.	82.	-0.	2.33	.94	81.	.10	59.
13 5 37	43.	20.000	100.	58.	260.	97.	80.	-10.	2.27	.90	80.	.23	56.
13 5 42	36.	20.000	100.	46.	270.	99.	80.	20.	4.89	3.23	80.	.29	52.
13 5 47	32.	20.000	100.	35.	293.	101.	31.	51.	12.16	18.05	80.	.35	40.
13 5 52	26.	20.000	100.	30.	206.	104.	36.	42.	8.70	6.69	78.	.30	39.
13 5 57	15.	20.000	100.	37.	289.	110.	35.	35.	4.71	2.39	78.	.14	40.
13 6 7	19.	20.000	100.	36.	283.	109.	36.	35.	4.70	2.42	79.	.21	41.
13 6 7	16.	20.000	100.	39.	270.	106.	39.	30.	4.09	2.89	78.	.31	39.
13 6 12	16.	20.000	100.	39.	261.	105.	40.	30.	4.04	2.07	78.	.29	39.
13 6 17	15.	20.000	100.	37.	244.	105.	35.	29.	4.13	2.17	81.	.31	42.

TIME H/M/S	EC 27 RESS TOTAL DHSTA SER AIR PRESS	EC 2A FLOMPR DHSTA OF SV NEG PV27J- PV274	EC 39 PRESS STATIC DHSTA OF PRIMARY HX	EC 29 TEMP AIR UPSTRM OF WATER SEP	EC 44 TEMP AIR JMNSTR OF COMP	EC 45 TEMP INLET ECS TURBIN	EC 46 TEMP AIR OUTLET ECS TURBIN	EC 47 PRESS ECS TURBIN INLET	EC 48 PRESS STATIC ECS TURBIN OUTLET	EC 30 PRESS UPSTRM CF WATER SEP	EC 32 TEMP AIR MAIN CABIN SUPPLY FLTUBE	EC 33 PRESS MAIN CABIN AT FLOW TUBE	EC 35 TEMP AIR FWD EQUIP BAY VENTUR
13 6 22	16.	20.000	100.	37.	251.	107.	34.	30.	4.12	2.34	80.	.27	41.
13 6 27	16.	20.000	100.	37.	251.	103.	35.	30.	4.18	2.87	79.	.29	40.
13 6 37	16.	20.000	100.	37.	247.	103.	37.	29.	4.22	2.11	80.	.31	40.
13 6 42	16.	20.000	100.	41.	242.	105.	32.	29.	4.05	2.19	79.	.31	39.
13 6 47	15.	20.000	100.	48.	240.	105.	35.	29.	4.03	2.13	79.	.34	30.
13 6 47	16.	20.000	100.	32.	231.	107.	33.	30.	4.20	2.89	79.	.33	40.
13 6 52	16.	20.000	100.	35.	234.	106.	34.	29.	4.27	2.87	80.	.33	40.
13 6 57	19.	20.000	100.	35.	250.	104.	32.	36.	5.02	2.54	79.	.22	46.
13 7 2	22.	20.000	100.	35.	259.	105.	36.	41.	6.01	3.25	79.	.25	37.
13 7 7	29.	20.000	100.	34.	268.	112.	35.	54.	8.43	4.85	76.	.45	38.
13 7 12	31.	20.000	100.	36.	281.	114.	42.	57.	8.93	4.70	63.	.71	38.
13 7 10	30.	20.000	100.	37.	309.	119.	49.	71.	10.69	4.57	40.	1.00	37.
13 7 23	40.	20.000	100.	36.	314.	122.	50.	74.	11.03	5.10	39.	1.11	39.
13 7 28	40.	20.000	100.	37.	340.	125.	54.	87.	13.06	6.76	30.	1.60	37.
13 7 33	42.	20.000	100.	37.	362.	129.	53.	87.	13.14	6.04	39.	1.64	37.
13 7 30	46.	20.000	100.	37.	400.	134.	48.	77.	11.63	5.50	39.	1.51	39.
13 7 43	39.	20.000	100.	38.	483.	132.	42.	67.	9.30	4.75	41.	1.89	38.
13 7 48	32.	20.000	100.	35.	376.	127.	41.	57.	7.57	3.62	42.	.60	40.
13 7 53	32.	20.000	100.	37.	379.	124.	44.	56.	7.56	3.65	40.	.66	39.
13 7 58	32.	20.000	100.	35.	394.	125.	44.	57.	7.74	3.75	40.	.63	39.
13 8 3	32.	20.000	100.	38.	384.	124.	46.	57.	7.59	3.67	38.	.65	38.
13 8 8	33.	20.000	100.	48.	386.	121.	47.	56.	7.59	3.60	37.	.66	37.
13 8 13	33.	20.000	100.	39.	386.	123.	44.	57.	7.43	3.60	38.	.66	38.
13 8 18	14.	20.000	100.	56.	359.	121.	56.	23.	4.14	1.49	42.	.12	46.
13 8 23	15.	20.000	100.	55.	348.	119.	54.	26.	4.38	1.77	42.	.22	47.
13 8 28	19.	20.000	100.	45.	322.	116.	44.	31.	4.89	2.17	44.	.35	46.
13 8 33	21.	20.000	100.	48.	320.	117.	39.	35.	5.36	2.64	44.	.33	43.
13 8 43	22.	20.000	100.	37.	327.	116.	36.	40.	5.81	2.93	47.	.23	37.
13 8 43	22.	20.000	100.	37.	325.	116.	35.	40.	5.83	3.00	46.	.31	38.
13 8 48	22.	20.000	100.	36.	314.	115.	34.	40.	5.95	3.00	40.	.35	38.
13 8 53	22.	20.000	100.	39.	316.	117.	35.	37.	6.00	2.53	42.	.37	37.
13 9 3	22.	20.000	100.	39.	311.	117.	34.	39.	5.94	2.94	41.	.40	38.
13 9 13	22.	20.000	100.	38.	306.	116.	35.	41.	6.10	3.17	40.	.37	32.
13 9 18	22.	20.000	100.	38.	307.	116.	34.	39.	6.05	3.10	40.	.33	35.
13 9 23	22.	20.000	100.	32.	294.	119.	33.	40.	6.25	3.13	39.	.37	37.
13 9 28	22.	20.000	100.	35.	295.	119.	33.	41.	6.26	3.10	39.	.42	38.
13 9 28	22.	20.000	100.	38.	285.	116.	35.	40.	6.37	3.19	42.	.47	39.
13 9 33	22.	20.000	100.	38.	284.	117.	36.	39.	6.38	3.24	40.	.49	38.
13 9 38	22.	20.000	100.	39.	294.	117.	36.	41.	6.43	3.20	40.	.45	37.
13 9 43	22.	20.000	100.	39.	291.	116.	35.	41.	6.53	3.44	37.	.48	38.
13 9 48	22.	20.000	100.	48.	279.	121.	35.	42.	6.31	3.34	39.	.43	39.
13 9 53	22.	20.000	100.	48.	286.	118.	35.	39.	6.28	3.30	38.	.44	39.
13 9 59	22.	20.000	100.	38.	279.	120.	36.	42.	6.28	3.42	39.	.35	38.
13 10 4	22.	20.000	100.	38.	286.	120.	36.	42.	6.32	3.43	39.	.34	35.
13 10 9	22.	20.000	100.	35.	283.	118.	34.	40.	6.31	3.30	40.	.49	38.
13 10 22	22.	20.000	100.	36.	285.	119.	35.	40.	6.30	3.26	40.	.50	36.
13 10 19	22.	20.000	100.	37.	294.	119.	37.	42.	6.41	3.46	34.	.45	32.
13 10 24	22.	20.000	100.	35.	289.	119.	35.	41.	6.43	3.33	33.	.47	35.

TIME M/M/S	EC 27 RESS TOTAL DMSR SER AIR PRESS	EC 28 FLOMPR DMSR OF SV REG PV270- PV274	EC 39 PRESS STATIC DMSR OF PRIMARY HX	EC 29 TEMP AIR UPSTRM OF WATER SEP	EC 44 TEMP AIR DMSR OF COMP	EC 45 TEMP AIR INLET ECS TURBIN	EC 46 TEMP AIR OUTLET ECS TURBIN	EC 47 PRESS ECS TURBIN INLET	EC 48 PRESS STATIC ECS TURBIN OUTLET	EC 30 PRESS UPSTRM OF WATER SEP	EC 32 TEMP AIR MAIN CABIN SUPPLY FLUTE	EC 33 PRESS MAIN CABIN AT FLUTE	EC 35 TEMP AIR FND EQUIP BAY VENTUR
13 19 29	22.	20.000	100.	38.	269.	117.	39.	40.	6.57	3.19	46.	43	38.
13 18 34	22.	20.000	100.	38.	283.	117.	39.	41.	6.61	3.59	42.	40.	38.
13 18 39	22.	20.000	100.	37.	283.	117.	37.	42.	6.55	3.75	40.	35.	38.
13 19 44	22.	20.000	100.	37.	286.	119.	38.	41.	6.52	3.65	36.	37.	39.
13 10 49	22.	20.000	100.	36.	289.	123.	35.	42.	6.47	3.52	39.	49	37.
13 10 54	22.	20.000	100.	37.	282.	122.	36.	37.	6.37	3.46	39.	44	38.
13 11 43	35.	20.000	100.	37.	293.	126.	50.	60.	10.28	5.28	35.	1.05	37.
13 51 48	37.	20.000	100.	37.	304.	128.	47.	72.	10.79	5.52	31.	1.12	37.
13 51 58	42.	20.000	100.	39.	355.	135.	42.	80.	12.06	6.33	36.	1.21	36.
13 12 3	44.	20.000	100.	39.	361.	136.	45.	83.	12.33	6.53	36.	1.24	36.
13 12 3	47.	20.000	100.	59.	396.	141.	43.	87.	12.77	7.17	35.	1.41	35.
13 52 8	47.	20.000	100.	59.	395.	143.	44.	90.	13.21	7.36	36.	1.51	36.
13 12 13	48.	20.000	100.	39.	399.	142.	52.	84.	11.38	6.45	37.	1.27	38.
13 12 18	49.	20.000	100.	37.	404.	143.	49.	78.	10.90	6.12	37.	1.20	38.
13 12 28	48.	20.000	100.	41.	403.	139.	48.	69.	9.74	4.97	35.	1.02	37.
13 12 33	48.	20.000	100.	40.	406.	139.	49.	68.	9.45	4.77	36.	97	36.
13 12 38	48.	20.000	100.	32.	399.	141.	51.	71.	9.76	5.02	32.	94	37.
13 12 38	48.	20.000	100.	35.	406.	140.	51.	70.	9.78	4.99	35.	93	38.
13 12 43	47.	20.000	100.	37.	406.	143.	46.	74.	13.30	5.06	37.	1.00	35.
13 12 43	47.	20.000	100.	38.	405.	140.	49.	73.	10.05	4.98	38.	1.00	37.
13 52 48	47.	20.000	100.	39.	410.	141.	48.	73.	9.60	4.91	37.	90	37.
13 12 53	47.	20.000	100.	40.	415.	139.	49.	73.	9.50	5.02	37.	90	37.
13 13 3	47.	20.000	100.	40.	435.	149.	46.	68.	9.58	5.08	37.	1.02	32.
13 13 9	47.	20.000	100.	46.	430.	148.	43.	71.	9.48	5.07	38.	97	35.
13 13 14	47.	20.000	100.	37.	439.	152.	48.	73.	9.70	5.00	37.	1.06	37.
13 13 19	47.	20.000	100.	36.	435.	152.	47.	70.	9.57	4.92	37.	95	38.
13 13 24	47.	20.000	100.	40.	429.	150.	47.	66.	8.88	4.83	46.	1.02	38.
13 13 29	48.	20.000	100.	38.	421.	150.	46.	64.	8.33	4.64	54.	92	38.
13 13 34	48.	20.000	100.	38.	413.	151.	45.	58.	7.90	4.05	80.	76	37.
13 13 39	48.	20.000	100.	36.	413.	149.	44.	57.	7.70	4.13	46.	68	38.
13 13 44	48.	20.000	100.	39.	394.	149.	42.	53.	7.27	3.59	103.	72	39.
13 13 49	48.	20.000	100.	37.	403.	152.	42.	70.	3.68	5.37	75.	1.00	38.
13 13 54	48.	20.000	100.	37.	443.	158.	48.	80.	10.19	5.53	40.	1.02	38.
13 13 59	48.	20.000	100.	37.	438.	158.	48.	77.	9.59	5.18	39.	99	37.
13 14 4	48.	20.000	100.	39.	435.	158.	44.	73.	8.99	5.04	37.	76	38.
13 14 9	48.	20.000	100.	39.	439.	159.	45.	73.	8.95	5.04	38.	83	38.
13 14 14	47.	20.000	100.	37.	435.	161.	46.	68.	8.76	5.06	38.	1.00	39.
13 14 19	48.	20.000	100.	38.	433.	160.	44.	67.	8.76	5.02	80.	1.05	38.
13 14 24	48.	20.000	100.	37.	434.	160.	40.	61.	8.25	5.12	153.	1.05	38.
13 14 34	48.	20.000	100.	36.	431.	161.	39.	59.	9.20	5.00	162.	1.10	38.
13 14 39	48.	20.000	100.	44.	399.	158.	42.	55.	7.88	4.44	185.	98	39.
13 14 44	48.	20.000	100.	41.	404.	159.	40.	49.	7.83	4.31	191.	99	39.
13 14 49	49.	20.000	100.	42.	414.	158.	42.	54.	6.94	3.48	182.	68	46.
13 14 54	46.	20.000	100.	36.	425.	160.	43.	70.	8.48	4.87	121.	95	41.
13 15 4	46.	20.000	100.	41.	438.	164.	42.	74.	9.38	5.20	46.	92	37.
13 15 9	46.	20.000	100.	37.	450.	166.	40.	73.	9.17	5.03	43.	89	37.
13 15 14	48.	20.000	100.	37.	439.	165.	42.	70.	8.56	4.61	34.	90	39.
13 15 19	48.	20.000	100.	37.	439.	165.	43.	68.	8.50	4.57	39.	87	39.
13 15 19	48.	20.000	100.	37.	439.	165.	39.	66.	8.54	4.30	40.	61	39.

TIME H/H/S	EC 27 RESS TOTAL DMSTR SER AIR PRESS	EC 28 FLOPR DMSTR OF SV REC PY270- PY274	EC 39 PRESS STATIC DMSTR OF PRMRY HX	EC 29 TEMP AIR UPSTRM OF WATER SEP	EC 44 TEMP AIR DMSTR OF DMWR	EC 45 TEMP AIR INLET ECS TURBIN	EC 46 TEMP AIR OUTLET ECS TURBIN	EC 47 PRESS ECS TURBIN INLET	EC 44 PRESS STATIC ECS TURBIN OUTLET	EC 30 PRESS UPSTRM OF WATER SEP	EC 32 TEMP AIR MAIN CABIN SUPPLY FLTUBE	EC 33 PRESS MAIN CABIN AT FLOW TUBE	EC 35 TEMP AIR FMO EQUIP BAY VENTUR
13 15 15	46.	20.000	100.	38.	436.	156.	37.	65.	8.53	4.30	43.	.76	38.
13 15 24	46.	20.000	100.	40.	434.	169.	37.	62.	5.41	4.14	56.	.84	37.
13 15 29	48.	20.000	100.	40.	432.	167.	41.	62.	8.31	4.12	63.	.77	38.
13 15 34	49.	20.000	100.	40.	430.	158.	36.	59.	9.31	4.36	77.	.66	38.
13 15 39	49.	20.000	100.	39.	423.	156.	37.	59.	8.18	4.53	81.	.74	38.
13 15 44	49.	20.000	100.	39.	423.	166.	37.	60.	5.37	4.79	73.	.61	38.
13 15 49	49.	20.000	100.	38.	412.	168.	40.	75.	9.92	5.76	50.	.05	37.
13 15 54	49.	20.000	100.	37.	453.	172.	40.	79.	9.87	5.85	40.	1.05	37.
13 16 0	48.	20.000	100.	36.	450.	172.	47.	76.	9.58	5.56	41.	1.00	37.
13 16 5	48.	20.000	100.	35.	459.	172.	44.	75.	9.23	5.18	40.	.92	38.
13 16 10	46.	20.000	100.	37.	455.	175.	40.	75.	9.31	5.27	38.	.97	38.
13 16 15	48.	20.000	100.	37.	438.	177.	42.	76.	9.33	5.20	37.	.98	37.
13 16 20	46.	20.000	100.	38.	439.	178.	41.	72.	9.29	5.24	84.	1.11	37.
13 16 25	48.	20.000	100.	40.	433.	177.	44.	64.	8.84	5.00	161.	1.21	39.
13 16 30	48.	20.000	100.	40.	427.	176.	44.	61.	9.80	5.23	178.	1.15	39.
13 16 35	48.	20.000	100.	44.	424.	177.	32.	54.	8.66	5.00	192.	.94	41.
13 16 40	48.	20.000	100.	43.	418.	175.	38.	54.	3.61	4.52	193.	.97	41.
13 16 45	48.	20.000	100.	46.	410.	176.	44.	53.	7.82	4.28	198.	.72	42.
13 16 50	48.	20.000	100.	41.	420.	177.	39.	70.	9.27	5.46	127.	.95	48.
13 16 55	49.	20.000	100.	37.	425.	178.	43.	80.	9.93	5.67	46.	.90	38.
13 17 0	49.	20.000	100.	39.	435.	180.	44.	76.	9.71	5.47	44.	.87	35.
13 17 5	49.	20.000	100.	38.	453.	181.	39.	69.	9.89	4.81	42.	.68	38.
13 17 10	48.	20.000	100.	40.	448.	181.	38.	66.	9.86	4.81	43.	.78	38.
13 17 15	49.	20.000	100.	40.	435.	180.	44.	66.	9.89	4.58	43.	.66	39.
13 17 20	48.	20.000	100.	40.	436.	180.	43.	66.	9.88	4.42	46.	.66	39.
13 17 25	48.	20.000	100.	40.	427.	180.	45.	63.	8.31	4.57	61.	.72	44.
13 17 30	48.	20.000	100.	42.	430.	181.	39.	64.	8.42	4.62	64.	.66	48.
13 17 40	48.	20.000	100.	43.	409.	183.	42.	60.	8.74	4.58	76.	.78	48.
13 17 45	48.	20.000	100.	40.	414.	182.	42.	60.	8.98	4.53	76.	.69	41.
13 17 50	48.	20.000	100.	43.	430.	182.	40.	67.	3.89	5.12	67.	.66	42.
13 17 55	48.	20.000	100.	40.	435.	184.	36.	81.	10.96	5.68	55.	.97	48.
13 18 0	48.	20.000	100.	35.	443.	187.	39.	80.	10.75	6.26	39.	.94	37.
13 18 5	46.	20.000	100.	37.	454.	189.	37.	79.	19.60	6.13	38.	.90	37.
13 18 10	47.	20.000	100.	40.	477.	191.	35.	78.	10.17	5.77	39.	.61	37.
13 18 15	47.	20.000	100.	39.	472.	191.	35.	78.	10.14	5.76	39.	.68	37.
13 18 20	47.	20.000	100.	39.	444.	191.	40.	75.	11.31	6.80	63.	1.31	40.
13 18 25	47.	20.000	100.	43.	449.	192.	42.	72.	10.97	5.55	102.	1.20	39.
13 18 30	48.	20.000	100.	44.	452.	193.	42.	64.	10.65	5.43	103.	1.13	46.
13 18 35	48.	20.000	100.	45.	443.	192.	45.	63.	10.56	5.28	109.	1.10	43.
13 18 40	48.	20.000	100.	48.	423.	191.	46.	59.	10.31	4.81	107.	1.13	43.
13 18 45	48.	20.000	100.	47.	423.	190.	47.	55.	10.81	4.60	193.	1.06	44.
13 18 50	48.	20.000	100.	52.	414.	189.	51.	52.	9.19	4.36	284.	.84	44.
13 18 55	48.	20.000	100.	42.	428.	190.	44.	78.	13.46	5.49	134.	.97	43.
13 19 0	48.	20.000	100.	39.	445.	193.	38.	83.	12.32	6.59	58.	1.90	48.
13 19 5	46.	20.000	100.	40.	453.	195.	41.	83.	12.82	7.39	51.	2.93	42.
13 19 10	49.	20.000	100.	48.	465.	199.	45.	77.	12.86	7.43	54.	3.66	42.
13 19 15	48.	20.000	100.	44.	465.	199.	42.	74.	11.84	6.21	52.	2.38	42.
13 19 20	48.	20.000	100.	44.	444.	198.	39.	66.	10.32	5.80	48.	.76	37.
13 19 25	47.	20.000	100.	44.	444.	197.	44.	67.	10.23	5.16	48.	.72	40.

TIME H/M/S	EC 27 RESS TOTAL DMNSTR SER AIR PFSS	EC 20 FLOWPR DMNSTR OF SV REG PY270- PY274	EC 39 PRESS STATIC DMNSTR OF PRIMRY HX	EC 29 TEMP AIR UPSTRM OF WATER SEP	EC 44 TEMP AIR DMNSTR OF COMP2	EC 45 TEMP AIR INLET ECS TURBIN	EC 46 TEMP AIR OUTLET ECS TURBIN	EC 47 PRESS ECS TURBIN INLET	EC 48 PRESS STATIC ECS TURBIN OUTLET	EC 30 PRESS UPSTRM OF WATER SEP	EC 32 TEMP AIR MAIN CABIN SUPPLY FLTUDE	EC 33 PRESS MAIN CABIN AT FLOW TUBE	EC 35 TEMP AIR FWD EQUIP BAY VENTUR
13 22 24	25.	20.000	100.	48.	434.	198.	45.	48.	9.05	4.03	47.	.41	46.
13 22 29	23.	20.000	100.	47.	368.	132.	49.	47.	9.51	3.26	50.	.40	49.
13 22 34	22.	20.000	100.	55.	319.	107.	52.	44.	10.13	2.60	55.	.33	52.
13 22 39	22.	20.000	100.	54.	299.	188.	50.	46.	10.14	2.49	54.	.35	50.
13 22 44	22.	20.000	100.	54.	307.	157.	56.	46.	10.13	2.50	54.	.47	51.
13 22 49	22.	20.000	100.	54.	303.	107.	55.	46.	10.25	2.40	54.	.46	51.
13 22 54	22.	20.000	100.	48.	298.	183.	56.	35.	10.22	2.60	53.	.51	51.
13 22 59	22.	20.000	100.	51.	312.	184.	56.	37.	10.19	2.63	53.	.42	52.
13 23 04	22.	20.000	100.	56.	326.	105.	53.	45.	10.38	2.64	53.	.35	51.
13 23 09	22.	20.000	100.	54.	312.	105.	52.	45.	10.36	2.58	54.	.37	51.
13 23 14	22.	20.000	100.	54.	329.	185.	48.	45.	10.32	2.62	53.	.37	52.
13 23 19	22.	20.000	100.	54.	322.	105.	53.	45.	10.63	2.52	53.	.40	51.
13 23 24	22.	20.000	100.	51.	295.	181.	54.	47.	10.64	2.58	53.	.45	51.
13 23 29	22.	20.000	100.	52.	302.	103.	56.	46.	10.60	2.35	52.	.42	51.
13 23 34	22.	20.000	100.	53.	385.	182.	53.	44.	10.96	2.74	54.	.25	49.
13 23 39	22.	20.000	100.	51.	309.	181.	54.	43.	10.64	2.66	54.	.35	50.
13 23 44	22.	20.000	100.	51.	315.	102.	55.	45.	10.13	2.64	54.	.37	50.
13 23 49	22.	20.000	100.	52.	297.	112.	53.	45.	10.07	2.64	52.	.32	47.
13 23 54	21.	20.000	100.	49.	304.	188.	50.	44.	9.93	2.89	54.	.35	49.
13 23 59	22.	20.000	100.	51.	304.	179.	51.	44.	9.92	3.16	54.	.33	49.
13 24 04	22.	20.000	100.	50.	303.	180.	54.	47.	10.19	3.19	53.	.37	49.
13 24 09	22.	20.000	100.	51.	311.	182.	52.	46.	10.35	3.32	53.	.37	49.
13 24 14	22.	20.000	100.	50.	307.	182.	50.	44.	9.83	3.71	53.	.27	50.
13 24 19	22.	20.000	100.	50.	303.	181.	49.	44.	9.92	3.55	52.	.34	50.
13 24 24	22.	20.000	100.	48.	311.	180.	51.	48.	10.13	4.46	48.	.37	51.
13 24 29	22.	20.000	100.	49.	316.	180.	50.	46.	10.14	4.81	50.	.36	48.
13 24 34	22.	20.000	100.	50.	315.	178.	53.	43.	10.01	6.06	51.	.12	49.
13 24 39	22.	20.000	100.	48.	316.	181.	52.	45.	10.05	6.28	49.	.20	49.
13 24 44	22.	20.000	100.	46.	279.	180.	48.	44.	9.81	6.38	51.	.23	50.
13 24 49	22.	20.000	100.	49.	292.	180.	49.	44.	9.83	6.13	50.	.29	50.
13 24 54	21.	20.000	100.	52.	310.	177.	56.	44.	9.85	5.90	54.	.45	48.
13 25 00	22.	20.000	100.	51.	311.	177.	54.	45.	9.86	5.84	53.	.42	48.
13 25 05	22.	20.000	100.	52.	299.	178.	48.	44.	9.87	6.04	50.	.35	48.
13 25 10	22.	20.000	100.	51.	299.	178.	50.	43.	9.88	6.17	50.	.36	49.
13 25 15	22.	20.000	100.	48.	205.	170.	50.	44.	10.21	6.14	51.	.22	49.
13 25 20	22.	20.000	100.	50.	290.	178.	49.	45.	10.11	6.26	51.	.25	55.
13 25 25	22.	20.000	100.	50.	306.	167.	50.	44.	9.93	6.12	52.	.33	48.
13 25 30	22.	20.000	100.	49.	303.	173.	49.	43.	9.83	6.36	51.	.24	48.
13 25 35	22.	20.000	100.	49.	296.	170.	48.	44.	9.91	6.30	49.	.29	48.
13 25 40	22.	20.000	100.	50.	303.	175.	54.	45.	9.96	6.85	50.	.34	48.
13 25 45	22.	20.000	100.	50.	314.	175.	51.	45.	9.97	6.16	50.	.47	48.
13 25 50	22.	20.000	100.	50.	311.	177.	51.	44.	10.02	6.41	51.	.36	48.
13 25 55	22.	20.000	100.	48.	284.	159.	53.	43.	10.03	6.10	52.	.25	48.
13 26 00	21.	20.000	100.	46.	289.	173.	53.	43.	10.19	5.86	50.	.29	48.
13 26 05	21.	20.000	100.	50.	324.	178.	47.	45.	10.46	5.76	50.	.37	48.
13 26 10	22.	20.000	100.	49.	312.	176.	49.	44.	10.42	5.33	50.	.31	48.
13 26 15	21.	20.000	100.	52.	290.	157.	45.	43.	10.67	5.51	49.	.55	48.
13 26 20	22.	20.000	100.	50.	296.	166.	49.	38.	10.64	5.54	51.	.34	48.
13 26 25	22.	20.000	100.	46.	290.	170.	40.	44.	11.03	5.51	50.	.31	47.

TIME M/H/S	EC 27 RESS TOTAL DWNSTR AIR PRESS	EC 28 FLOMSTR SV REG PY270- PY274	EC 39 PRESS STATIC OF DWNSTR PRIMRY MX	EC 29 TEMP AIR OF UPSTRM WATER SEP	EC 44 TEMP 1K DWNSTR OF TEMP 10MR	EC 45 TEMP AIR INLET ECS TURBIN	EC 46 TEMP AIR OUTLET ECS TURBIN	EC 47 PRESS ECS TURBIN INLET	EC 48 PRESS STATIC ECS TURBIN OUTLET	EC 30 PRESS UPSTRM CF WATER SEP	EC 32 TEMP AIR MAIN CABIN SUPPLY FLUTE	EC 33 PRESS MAIN CABIN AT FLOW TUBE	EC 35 TEMP AIR FND EQUIP BAY VENTUR
13 26 26	22.	20.000	100.	48.	291.	176.	46.	45.	11.10	5.55	51.	43	47.
13 26 31	21.	20.000	100.	49.	303.	175.	46.	42.	11.28	5.26	50.	43	47.
13 26 36	21.	20.000	100.	48.	301.	175.	46.	42.	11.26	5.26	49.	21	47.
13 26 41	22.	20.000	100.	47.	315.	176.	42.	45.	11.52	4.55	49.	37	47.
13 26 46	22.	20.000	100.	48.	315.	176.	42.	44.	11.52	4.82	49.	29	47.
13 29 8	22.	20.000	100.	44.	309.	163.	44.	44.	9.64	7.39	48.	14	42.
13 29 13	22.	20.000	100.	44.	309.	163.	44.	44.	9.60	7.17	47.	15	42.
13 29 18	22.	20.000	100.	44.	294.	161.	44.	44.	8.29	7.12	50.	25	42.
13 29 23	21.	20.000	100.	45.	294.	162.	44.	44.	8.15	7.00	49.	25	42.
13 29 28	22.	20.000	100.	42.	279.	162.	42.	42.	7.06	7.10	48.	31	43.
13 29 33	22.	20.000	100.	42.	279.	163.	44.	43.	7.73	7.13	49.	31	43.
13 29 38	22.	20.000	100.	42.	279.	163.	44.	43.	7.73	7.13	49.	31	43.
13 29 43	22.	20.000	100.	43.	298.	163.	42.	44.	7.55	7.25	48.	20	42.
13 29 48	22.	20.000	100.	45.	298.	163.	44.	44.	7.50	7.22	48.	14	42.
13 29 53	22.	20.000	100.	45.	298.	163.	44.	44.	7.74	6.52	46.	27	48.
13 30 8	22.	20.000	100.	43.	298.	163.	44.	44.	7.80	7.00	47.	22	41.
13 30 13	21.	20.000	100.	42.	288.	163.	42.	43.	7.80	7.10	50.	35	43.
13 30 18	21.	20.000	100.	43.	293.	153.	42.	43.	7.64	6.94	51.	35	43.
13 30 23	21.	20.000	100.	42.	293.	153.	42.	43.	7.82	6.50	50.	12	37.
13 30 28	22.	20.000	100.	42.	293.	153.	42.	43.	7.75	6.94	50.	22	48.
13 30 33	22.	20.000	100.	40.	298.	165.	45.	44.	7.61	7.59	48.	14	43.
13 30 38	22.	20.000	100.	41.	298.	165.	45.	44.	7.57	7.17	49.	24	44.
13 30 43	21.	20.000	100.	43.	270.	163.	44.	44.	7.57	7.04	51.	23	42.
13 30 48	21.	20.000	100.	43.	275.	163.	44.	44.	7.55	7.14	51.	23	42.
13 30 53	22.	20.000	100.	42.	285.	163.	42.	45.	7.64	7.33	49.	12	46.
13 31 8	22.	20.000	100.	42.	291.	163.	42.	43.	7.64	7.29	50.	22	44.
13 31 13	21.	20.000	100.	42.	291.	163.	42.	44.	7.66	7.37	50.	20	42.
13 31 18	21.	20.000	100.	42.	291.	163.	42.	43.	7.74	7.44	48.	25	39.
13 31 23	22.	20.000	100.	44.	298.	163.	42.	45.	7.62	7.43	48.	16	42.
13 31 28	21.	20.000	100.	44.	298.	163.	42.	43.	7.58	7.37	47.	24	42.
13 31 33	21.	20.000	100.	44.	275.	163.	43.	44.	7.64	7.55	32.	02	42.
13 31 38	23.	20.000	100.	42.	282.	163.	43.	44.	7.64	7.35	40.	06	40.
13 31 43	23.	20.000	100.	43.	282.	163.	46.	44.	7.62	7.25	46.	02	42.
13 31 48	21.	20.000	100.	43.	285.	153.	44.	44.	7.75	7.15	47.	11	42.
13 31 53	21.	20.000	100.	44.	296.	153.	44.	44.	7.70	7.41	48.	22	42.
14 3 8	22.	20.000	100.	44.	301.	163.	39.	43.	8.42	5.61	45.	25	42.
14 3 13	24.	20.000	100.	44.	301.	163.	35.	67.	10.40	4.20	45.	63	38.
14 3 18	33.	20.000	100.	33.	323.	153.	37.	69.	11.06	6.60	39.	74	38.
14 3 23	35.	20.000	100.	33.	359.	163.	42.	83.	12.79	5.69	48.	13	38.
14 3 28	41.	20.000	100.	38.	359.	163.	42.	83.	12.79	5.69	48.	13	38.
14 3 33	41.	20.000	100.	37.	366.	176.	42.	89.	13.74	6.37	50.	13	37.
14 3 38	44.	20.000	100.	37.	401.	176.	44.	106.	16.17	6.37	56.	13	40.
14 3 43	46.	20.000	100.	38.	415.	177.	46.	100.	15.06	7.75	62.	13	39.
14 3 48	46.	20.000	100.	40.	433.	182.	47.	83.	12.38	6.30	76.	13	36.
14 3 53	49.	20.000	100.	39.	423.	183.	45.	62.	12.03	5.22	80.	13	37.
14 3 58	49.	20.000	100.	39.	423.	183.	44.	72.	11.18	4.71	95.	11	40.
14 4 3	49.	20.000	100.	40.	417.	183.	44.	68.	10.79	4.46	96.	10	39.
14 4 8	49.	20.000	100.	40.	425.	185.	39.	64.	9.68	3.89	102.	05	38.
14 4 14	49.	20.000	100.	41.	425.	185.	39.	61.	9.61	3.69	103.	05	38.
14 4 19	48.	20.000	100.	41.	408.	170.	38.	55.	9.33	3.26	103.	39	44.
14 4 24	49.	20.000	100.	37.	416.	150.	38.	58.	9.33	3.49	99.	40	42.

TIME
H/M/S

05

TIME H/M/S	EC 27 RESS TOTAL DMSTR SER AIR PRESS	EC 28 FLOWPR OF SV REG PY270- PV274	EC 39 PRESS STAYIC DMSTR OF PRIMKY HX	EC 29 TEMP AIR UPSTRM OF WATER SEP	EC 44 TEMP AIR DMSTR OF COMP	EC 45 TEMP AIR INLET ECS TURBIN	EC 46 TEMP AIR OUTLET ECS TURBIN	EC 47 PRESS ECS TURBIN INLET	EC 48 PRESS STATIC ECS TURBIN OUTLET	EC 30 PRESS UPSTRM CF WATER SEP	EC 32 TEMP AIR MAIN CABIN SUPPLY FLTUBE	EC 33 PRESS MAIN CABIN AT FLOW TUBE	EC 35 TEMP AIR FWD EQUIP BAY VENTUR
14 4 29	49.	20.000	100.	37.	435.	182.	39.	62.	9.50	3.68	90.	.51	37.
14 4 34	49.	20.000	100.	37.	430.	182.	39.	62.	9.63	3.70	89.	.51	37.
14 4 39	49.	20.000	100.	38.	409.	183.	37.	60.	9.85	3.40	88.	.61	39.
14 4 44	48.	20.000	100.	38.	420.	183.	38.	62.	9.85	3.68	86.	.54	38.
14 4 49	49.	20.000	100.	39.	453.	186.	39.	63.	9.66	3.64	84.	.45	37.
14 4 54	49.	20.000	100.	39.	460.	186.	39.	66.	9.73	3.83	81.	.50	36.
14 4 59	49.	20.000	100.	38.	474.	185.	37.	63.	9.73	3.75	79.	.45	38.
14 5 4	49.	20.000	100.	38.	471.	184.	40.	63.	9.81	3.71	79.	.52	38.
14 5 9	49.	20.000	100.	38.	468.	178.	38.	62.	10.01	3.44	78.	.63	40.
14 5 14	48.	20.000	100.	38.	466.	182.	38.	61.	9.96	3.47	79.	.55	39.
14 5 19	49.	20.000	100.	40.	502.	180.	34.	65.	9.90	3.56	79.	.31	35.
14 5 24	49.	20.000	100.	40.	490.	180.	36.	64.	9.90	3.55	80.	.34	35.
14 5 29	49.	20.000	100.	39.	526.	190.	32.	65.	9.93	3.66	77.	.43	38.
14 5 34	48.	20.000	100.	38.	522.	190.	30.	64.	9.93	3.53	77.	.43	38.
14 5 39	48.	20.000	100.	38.	529.	193.	30.	65.	10.22	3.46	77.	.61	39.
14 5 44	48.	20.000	100.	35.	534.	193.	30.	65.	10.14	3.56	75.	.56	39.
14 5 49	49.	20.000	100.	39.	543.	195.	39.	65.	10.20	3.56	78.	.60	38.
14 5 54	46.	20.000	100.	40.	546.	195.	38.	65.	10.13	3.59	76.	.57	38.
14 5 59	31.	20.000	100.	40.	529.	194.	44.	50.	9.38	2.64	79.	.35	40.
14 6 9	27.	20.000	100.	52.	522.	194.	41.	41.	8.04	2.25	83.	.10	44.
14 6 14	23.	20.000	100.	56.	479.	193.	58.	38.	3.48	2.52	78.	.20	50.
14 6 19	23.	20.000	100.	55.	474.	192.	58.	36.	8.48	2.46	76.	.10	51.
14 6 24	22.	20.000	100.	55.	428.	191.	52.	36.	8.76	2.54	71.	.20	51.
14 6 29	22.	20.000	100.	55.	419.	190.	55.	40.	8.71	2.58	69.	.14	48.
14 6 34	23.	20.000	100.	55.	425.	191.	55.	43.	8.50	2.74	67.	.12	55.
14 6 39	22.	20.000	100.	52.	380.	182.	52.	43.	7.35	2.60	58.	.66	52.
14 6 44	22.	20.000	100.	48.	384.	178.	46.	47.	6.18	2.29	51.	.04	45.
14 6 49	21.	20.000	100.	49.	304.	178.	48.	46.	6.19	2.42	49.	.18	46.
14 6 54	22.	20.000	100.	49.	310.	177.	40.	45.	6.16	2.40	49.	.22	47.
14 6 59	22.	20.000	100.	49.	305.	177.	40.	45.	6.03	2.54	48.	.22	47.
14 7 4	21.	20.000	100.	45.	311.	177.	50.	46.	6.22	2.42	48.	.00	47.
14 7 9	21.	20.000	100.	47.	383.	178.	50.	46.	6.12	2.58	48.	.15	47.
14 7 14	22.	20.000	100.	49.	319.	176.	47.	48.	5.94	2.23	50.	.15	48.
14 7 19	21.	20.000	100.	48.	316.	175.	47.	48.	5.93	2.20	50.	.15	48.
14 7 24	22.	20.000	100.	48.	290.	176.	45.	44.	5.61	2.35	48.	.22	47.
14 7 29	21.	20.000	100.	48.	299.	175.	45.	42.	5.77	2.39	49.	.17	48.
14 7 34	21.	20.000	100.	51.	291.	175.	48.	44.	6.14	2.35	50.	.14	48.
14 7 39	21.	20.000	100.	50.	321.	167.	40.	42.	5.94	2.17	50.	.13	48.
14 7 44	21.	20.000	100.	53.	310.	173.	50.	43.	5.91	2.24	50.	.16	47.
14 7 49	21.	20.000	100.	51.	316.	175.	52.	43.	5.73	2.27	50.	.02	47.
14 7 54	21.	20.000	100.	49.	325.	176.	48.	44.	5.85	2.22	53.	.13	47.
14 7 59	21.	20.000	100.	48.	321.	175.	47.	43.	5.87	2.15	54.	.10	47.
14 8 4	22.	20.000	100.	52.	334.	180.	45.	42.	5.61	2.31	54.	.12	47.
14 8 9	21.	20.000	100.	53.	342.	179.	49.	42.	5.30	2.33	55.	.16	49.
14 8 14	21.	20.000	100.	55.	356.	182.	50.	42.	5.43	2.15	58.	.07	50.
14 8 19	21.	20.000	100.	56.	383.	194.	57.	41.	5.52	2.12	58.	.23	52.
14 8 24	23.	20.000	100.	54.	384.	187.	52.	42.	5.65	2.15	59.	.14	54.

TIME H/M/S	EC 27 RESS TOTAL DWNSTR SER AIR PRESS	EC 26 FLOMPR DWNSTR OF SV REC PY278- PY274	EC 39 PRESS STATIC DWNSTR OF PRIMRY HX	EC 29 TEMP AIR UPSTRM OF WATER SEP	EC 44 TEMP AIR DWNSTR JF CONPR	EC 45 TEMP AIR INLET ECS TURBIN	EC 46 TEMP AIR OUTLET ECS TURBIN	EC 47 PRESS ECS TURBIN INLET	EC 48 PRESS STATIC ECS TURBIN OUTLET	EC 30 PRESS UPSTRM CF WATER SEP	EC 42 TEMP AIR MAIN CABIN SUPPLY FLTUDE	EC 33 PRESS MAIN CABIN AT FLOW TUBE	EC 35 TEMP AIR FWD EQUIP BAY VENTUR
14 18 4	22.	20.000	100.	54.	309.	106.	52.	41.	5.62	2.07	58.	.13	53.
14 18 4	22.	20.000	100.	54.	368.	106.	48.	44.	5.63	2.39	55.	.06	53.
14 18 9	22.	20.000	100.	54.	363.	102.	58.	42.	5.72	2.28	55.	.11	52.
14 18 14	23.	20.000	100.	51.	327.	106.	53.	30.	5.79	2.06	55.	.14	52.
14 18 19	22.	20.000	100.	51.	324.	106.	52.	42.	5.82	2.44	58.	.17	51.
14 32 7	3.	20.000	100.	69.	286.	159.	79.	6.	4.22	-0.08	45.	-0.27	40.
14 32 13	1.	20.000	100.	74.	244.	178.	93.	3.	4.01	-0.93	46.	-0.17	51.
14 32 18	-1.	20.000	100.	74.	264.	178.	93.	-3.	3.87	-1.21	49.	-0.18	48.
14 32 23	-1.	20.000	100.	72.	261.	178.	89.	-1.	3.89	-1.16	49.	-0.13	46.
14 32 28	-1.	20.000	100.	68.	298.	169.	81.	-1.	3.97	-1.19	50.	-0.20	58.
14 32 33	-1.	20.000	100.	67.	291.	178.	88.	-2.	3.44	-1.15	51.	-0.26	58.
14 32 39	-1.	20.000	100.	65.	291.	157.	79.	-3.	3.81	-1.23	52.	-0.27	48.
14 32 44	-1.	20.000	100.	65.	285.	162.	78.	-2.	3.77	-1.15	52.	-0.22	40.
14 32 45	-2.	20.000	100.	65.	255.	157.	76.	8.	3.77	-1.13	52.	-0.12	58.
14 32 54	-2.	20.000	100.	65.	266.	157.	76.	-1.	3.87	-1.09	53.	-0.14	50.
14 32 59	-1.	20.000	100.	63.	258.	157.	75.	-2.	3.68	-1.08	50.	-0.08	48.
14 33 4	-1.	20.000	100.	63.	276.	162.	75.	-2.	3.72	-1.14	55.	-0.13	49.
14 33 9	-1.	20.000	100.	63.	280.	155.	75.	8.	3.93	-1.21	54.	-0.23	58.
14 33 14	-1.	20.000	100.	63.	288.	165.	74.	8.	3.89	-1.14	55.	-0.21	46.

RUN 125-1A (125 DEGREES F), 22 MARCH 1972

Synopsis

This was the first test at 125 degrees F with minimum humidity (about 10 percent). It was designed to simulate ground operation in a desert environment. After over 34 hours soak at this temperature, the test was begun and all went normally in sequence until the R ENG OIL HOT caution light illuminated about 23 minutes after engine start. After attempting to cool the oil for 3 minutes, the engine was shut down and the checks were continued with the left engine in operation only. Fifty minutes into the run, the L ENG OIL HOT light illuminated, and after a brief attempt to extinguish it, the test was terminated. As explained in the synopsis of run 85-2, the cooling air ejector valves were at fault and were subsequently reenergized. Time constraints on the program prohibited a full length test at this temperature.

Inoperative Parameters

AF-05*	EC-56
AF-08	EC-62
AF-39	EC-68
AF-40	EC-87
EC-02	EC-91
EC-28	EC-92
EC-56	EC-99
EC-53	EC-100
EC-101	
EC-102	
PR-06	
PR-27A	

Data Events (hr/min/sec)

<u>Data On</u>	<u>Data Off</u>	<u>Event</u>
085709	085920	Preflight and soak data.
091018	092423	RH engine start, LH engine start, ECS test at 85-percent rpm.
092816	093920	RH ENG OIL HOT light; run up to 90 percent and shutdown.
094706	094716	CADC "high" test.
094825	094835	CADC "low" test.
100022	100408	LH ENG OIL HOT light; run up to 90 percent and shutdown.

*Functions, but is not linear.

Crossed feedback pressure lines to the 4-3 hot air control-stabilizer existed during these tests.

8. COMMUTATOR

TIME H/M/S	AF 1A INIT LANDING GEAR UP	AF 1B INIT LANDING GEAR DN	AF 2A POSITV MAIN LANDING GR JP	AF 2B POSITV MAIN LANDING GR DA	AF 3A POSITV NOSE LANDING GR JP	AF 3B POSITV NOSE LANDING GEAR DN	PA 03 TURBINE INLET TTS/H ENGINE	CS 01 AIRSPO (TRUE)	CS 02 MAL-1 NUMBER	CS 04 HEADING ACRFT	IN 03 EVENT MARKER CAMERA SWITCH	IN 04 INT ENG START L-R	EC 02 RATE ALI PRESS
8 57 9	0.	1.	0.	1.	0.	1.	22.6	150.89	.2321	43.06	0.	0.	-777.
8 57 14	0.	1.	0.	1.	0.	1.	22.9	149.22	.2202	49.80	0.	0.	-699.
8 57 19	0.	1.	0.	1.	0.	1.	21.9	145.86	.1952	47.95	0.	0.	-699.
8 57 24	0.	1.	0.	1.	0.	1.	22.6	145.70	.2018	43.06	0.	0.	-699.
8 57 29	0.	1.	0.	1.	0.	1.	24.5	143.22	.2268	47.95	0.	0.	-1553.
8 57 42	0.	1.	0.	1.	0.	1.	22.3	140.30	.2242	40.87	0.	0.	-1204.
8 57 39	0.	1.	0.	1.	0.	1.	23.3	147.54	.2109	40.32	0.	0.	-1553.
8 57 44	0.	1.	0.	1.	0.	1.	23.5	147.54	.2215	49.24	0.	0.	-1204.
8 57 49	0.	1.	0.	1.	0.	1.	22.6	149.22	.2400	49.80	0.	0.	-699.
8 57 59	0.	1.	0.	1.	0.	1.	23.2	140.30	.2308	50.16	0.	0.	-016.
8 58 9	0.	1.	0.	1.	0.	1.	22.6	149.22	.1767	49.43	0.	0.	-777.
8 58 14	0.	1.	0.	1.	0.	1.	23.5	140.22	.1859	43.06	0.	0.	-1165.
8 58 19	0.	1.	0.	1.	0.	1.	25.2	150.89	.2004	50.16	0.	0.	-054.
8 58 24	0.	1.	0.	1.	0.	1.	24.2	150.06	.1991	50.16	0.	0.	-093.
8 58 29	0.	1.	0.	1.	0.	1.	25.2	147.54	.2260	49.80	0.	0.	-777.
8 58 34	0.	1.	0.	1.	0.	1.	24.0	147.54	.2281	50.53	0.	0.	-1118.
8 58 39	0.	1.	0.	1.	0.	1.	23.9	147.54	.2295	51.27	0.	0.	-344.
8 58 44	0.	1.	0.	1.	0.	1.	24.2	147.54	.2242	49.90	0.	0.	-021.
8 58 49	0.	1.	0.	1.	0.	1.	23.5	145.86	.1767	50.16	0.	0.	-021.
8 58 54	0.	1.	0.	1.	0.	1.	23.5	146.70	.1925	49.90	0.	0.	-021.
8 58 59	0.	1.	0.	1.	0.	1.	23.2	145.86	.1873	50.53	0.	0.	-699.
8 59 0	0.	1.	0.	1.	0.	1.	23.5	145.06	.1991	52.30	0.	0.	-699.
8 59 5	0.	1.	0.	1.	0.	1.	23.2	133.16	.2031	52.01	0.	0.	-544.
8 59 10	0.	1.	0.	1.	0.	1.	22.9	141.67	.1938	50.35	0.	0.	-021.
8 59 15	0.	1.	0.	1.	0.	1.	23.2	145.86	.1793	50.16	0.	0.	-1553.
8 59 20	0.	1.	0.	1.	0.	1.	23.2	146.70	.1767	49.80	0.	0.	-1087.
9 10 10	0.	1.	0.	1.	0.	1.	23.2	145.86	.2110	50.53	0.	0.	-699.
9 10 20	0.	1.	0.	1.	0.	1.	24.2	130.32	.1662	49.80	0.	0.	-016.
9 10 30	0.	1.	0.	1.	0.	1.	25.2	105.63	.1635	47.21	0.	0.	-699.
9 10 40	0.	1.	0.	1.	0.	1.	25.2	116.52	.1608	47.50	0.	0.	-699.
9 10 50	0.	1.	0.	1.	0.	1.	29.0	125.74	.1873	47.95	0.	0.	-699.
9 11 0	0.	1.	0.	1.	0.	1.	23.0	125.74	.1727	40.69	0.	0.	-738.
9 11 10	0.	1.	0.	1.	0.	1.	21.3	125.74	.1846	49.06	0.	0.	-699.
9 11 20	0.	1.	0.	1.	0.	1.	21.9	125.74	.1754	40.87	0.	0.	-777.
9 11 30	0.	1.	0.	1.	0.	1.	22.6	125.74	.1538	47.95	0.	0.	-054.
9 11 40	0.	1.	0.	1.	0.	1.	23.5	122.39	.1516	40.32	0.	0.	-093.
9 11 50	0.	1.	0.	1.	0.	1.	24.5	129.10	.2295	49.86	0.	0.	-054.
9 12 0	0.	1.	0.	1.	0.	1.	24.0	120.26	.2202	40.50	0.	0.	-054.
9 12 10	0.	1.	0.	1.	0.	1.	25.2	127.42	.1873	50.90	0.	0.	-777.
9 12 20	0.	1.	0.	1.	0.	1.	24.2	125.74	.1741	49.43	0.	0.	-054.
9 12 30	0.	1.	0.	1.	0.	1.	22.6	125.74	.2110	49.06	0.	0.	-054.
9 12 40	0.	1.	0.	1.	0.	1.	22.6	124.91	.2070	40.63	0.	0.	-054.
9 12 50	0.	1.	0.	1.	0.	1.	21.3	124.87	.1562	51.27	0.	0.	-1165.
9 13 0	0.	1.	0.	1.	0.	1.	21.9	123.23	.1569	49.90	0.	0.	-1049.
9 13 10	0.	1.	0.	1.	0.	1.	23.9	112.33	.1873	50.16	0.	0.	-699.

TIME H/M/S	AF 1A INIT LANDING GEAR UP	AF 1B INIT LANDING GEAR DN	AF 2A POSINT MAIN LANDING GR JP	AF 2J POSINT MAIN LANDING GR JH	AF 3A POSINT NOSE LANDING GR JP	AF 3B POSINT NOSE LANDING GEAR DN	P2 03 TEYS TJRYN INLET TTEL/H ENGINE	CS 01 AIRSPD (TRUE)	CS 02 MACH NUMBER	CS 04 HEADING ARCFT	IN 03 EVENT MARKER CAMERA SWITCH	IN 04 INT ENG START L+R	EC 02 RATE ALI PRESS
01													
9 51 40	0.	1.	0.	1.	0.	1.	23.9	119.04	-2004	43.61	0.	0.	-500.
9 51 53	0.	1.	0.	1.	0.	1.	22.6	122.39	.1556	48.69	0.	0.	-777.
9 51 58	0.	1.	0.	1.	0.	1.	22.9	124.07	.1635	48.14	0.	0.	-777.
9 52 04	0.	1.	0.	1.	0.	1.	24.5	124.07	.1160	48.32	0.	0.	-1243.
9 52 09	0.	1.	0.	1.	0.	1.	24.2	124.91	.1714	43.32	0.	0.	-1810.
9 52 14	0.	1.	0.	1.	0.	1.	23.2	120.71	.2268	45.00	0.	0.	-699.
9 52 19	0.	1.	0.	1.	0.	1.	23.9	123.23	.1846	47.83	0.	0.	-738.
9 52 24	0.	1.	0.	1.	0.	1.	25.2	125.74	.1978	51.27	0.	0.	-777.
9 52 29	0.	1.	0.	1.	0.	1.	24.2	123.23	.1556	50.35	0.	0.	-660.
9 52 34	0.	1.	0.	1.	0.	1.	25.2	124.07	.1213	49.06	0.	0.	-660.
9 52 39	0.	1.	0.	1.	0.	1.	24.8	124.91	.1688	48.32	0.	1.	-854.
9 52 44	0.	1.	0.	1.	0.	1.	22.6	125.74	.1828	47.21	0.	1.	-932.
9 52 49	0.	1.	0.	1.	0.	1.	23.9	125.74	.1952	47.77	0.	1.	-932.
9 52 54	0.	1.	0.	1.	0.	1.	25.2	125.74	.2004	47.95	0.	1.	-893.
9 52 59	0.	1.	0.	1.	0.	1.	25.2	124.91	.1807	48.50	0.	1.	-699.
9 53 04	0.	1.	0.	1.	0.	1.	178.0	124.07	.2242	47.21	0.	1.	-660.
9 53 09	0.	1.	0.	1.	0.	1.	517.8	123.23	.1780	48.32	0.	1.	-621.
9 53 14	0.	1.	0.	1.	0.	1.	562.2	122.39	.1582	48.69	0.	1.	-621.
9 53 19	0.	1.	0.	1.	0.	1.	531.6	121.55	.1938	48.69	0.	1.	-621.
9 53 24	0.	1.	0.	1.	0.	1.	533.9	125.74	.2136	47.95	0.	1.	-621.
9 53 29	0.	1.	0.	1.	0.	1.	588.5	125.74	.2110	48.07	0.	1.	-738.
9 53 34	0.	1.	0.	1.	0.	1.	524.6	124.07	.1556	48.69	0.	0.	-699.
9 53 39	0.	1.	0.	1.	0.	1.	531.5	124.91	.1741	48.06	0.	0.	-699.
9 53 44	0.	1.	0.	1.	0.	1.	535.8	125.74	.1187	48.22	0.	0.	-699.
9 53 49	0.	1.	0.	1.	0.	1.	533.8	119.04	.1213	48.50	0.	0.	-699.
9 53 54	0.	1.	0.	1.	0.	1.	535.9	123.04	.1793	48.69	0.	0.	-699.
9 53 59	0.	1.	0.	1.	0.	1.	538.9	122.39	.1978	48.06	0.	0.	-699.
9 54 04	0.	1.	0.	1.	0.	1.	538.7	127.42	.1952	47.95	0.	0.	-699.
9 54 09	0.	1.	0.	1.	0.	1.	538.1	120.58	.1873	48.07	0.	0.	-699.
9 54 14	0.	1.	0.	1.	0.	1.	535.0	125.74	.1635	47.58	0.	0.	-699.
9 54 19	0.	1.	0.	1.	0.	1.	535.3	125.74	.1596	48.50	0.	0.	-699.
9 54 24	0.	1.	0.	1.	0.	1.	572.4	122.39	.2295	48.69	0.	0.	-699.
9 54 29	0.	1.	0.	1.	0.	1.	573.0	124.07	.2215	48.69	0.	0.	-699.
9 54 34	0.	1.	0.	1.	0.	1.	574.8	119.04	.1187	48.69	0.	0.	-699.
9 54 39	0.	1.	0.	1.	0.	1.	574.2	121.55	.1411	48.87	0.	0.	-699.
9 54 44	0.	1.	0.	1.	0.	1.	574.8	105.63	.1741	47.58	0.	0.	-699.
9 54 49	0.	1.	0.	1.	0.	1.	575.1	116.52	.1793	48.14	0.	0.	-699.
9 54 54	0.	1.	0.	1.	0.	1.	578.5	130.77	.1793	47.95	0.	0.	-699.
9 54 59	0.	1.	0.	1.	0.	1.	577.3	129.18	.1662	48.50	0.	0.	-699.
9 55 04	0.	1.	0.	1.	0.	1.	572.4	124.07	.1213	48.06	0.	0.	-699.
9 55 09	0.	1.	0.	1.	0.	1.	573.0	126.58	.1385	49.43	0.	0.	-699.
9 55 14	0.	1.	0.	1.	0.	1.	572.4	129.18	.2268	47.95	0.	0.	-699.
9 55 19	0.	1.	0.	1.	0.	1.	573.0	124.07	.2176	48.32	0.	0.	-699.
9 55 24	0.	1.	0.	1.	0.	1.	573.6	127.42	.1662	48.69	0.	0.	-699.
9 55 29	0.	1.	0.	1.	0.	1.	572.4	127.42	.1582	48.69	0.	0.	-699.
9 55 34	0.	1.	0.	1.	0.	1.	574.8	130.77	.1638	54.22	0.	0.	-699.
9 55 39	0.	1.	0.	1.	0.	1.	574.2	128.26	.1464	51.82	0.	0.	-699.
9 55 44	0.	1.	0.	1.	0.	1.	545.3	129.18	.2057	49.43	0.	0.	-699.
9 55 49	0.	1.	0.	1.	0.	1.	585.3	129.94	.1912	49.06	0.	0.	-699.

TIME H/M/S	AF 1A INIT LANDING GEAR JP	AF 1B INIT LANDING GEAR JN	AF 2A POSITN MAIN LANDING GR JP	AF 2B POSITN MAIN LANDING GR JN	AF 3A POSITN NOSE LANDING GR JP	AF 3B POSITN NOSE LANDING GEAR JMN	P4 03 TE4P TJR3IN IN-ET TTEL/H ENGINE	J3 01 AIRSPD (TRUE)	J3 02 MACH NUMBER	J3 04 HEADING ARCRAFT	IN 03 EVENT MARKER CAMERA SWITCH	IN 04 INT ENG START L+R	EC 02 RATE ALT PRESS
9 15 55	0.	1.	0.	1.	0.	1.	509.2	130.77	-1714	43.43	0.	0.	-699.
9 16 0	0.	1.	0.	1.	0.	1.	613.0	130.77	-1741	43.06	0.	0.	-600.
9 16 5	0.	1.	0.	1.	0.	1.	649.6	130.77	-1767	43.69	0.	0.	-699.
9 16 10	0.	1.	0.	1.	0.	1.	659.4	131.61	-1780	43.24	0.	0.	-699.
9 16 15	0.	1.	0.	1.	0.	1.	687.6	132.45	-1662	47.95	0.	0.	-699.
9 16 20	0.	1.	0.	1.	0.	1.	695.6	130.77	-1767	43.69	0.	0.	-699.
9 16 25	0.	1.	0.	1.	0.	1.	720.7	130.77	-1873	47.95	0.	0.	-699.
9 16 35	0.	1.	0.	1.	0.	1.	729.3	131.61	-1793	43.24	0.	0.	-680.
9 16 35	0.	1.	0.	1.	0.	1.	734.2	129.10	-1820	43.69	0.	0.	-621.
9 16 45	0.	1.	0.	1.	0.	1.	734.8	130.77	-1807	43.32	0.	0.	-621.
9 16 45	0.	1.	0.	1.	0.	1.	737.9	132.45	-1793	43.00	0.	0.	-621.
9 16 50	0.	1.	0.	1.	0.	1.	738.5	133.29	-1859	50.53	0.	0.	-680.
9 16 55	0.	1.	0.	1.	0.	1.	740.3	134.13	-1767	43.06	0.	0.	-1553.
9 17 0	0.	1.	0.	1.	0.	1.	739.7	134.13	-1912	43.07	0.	0.	-1126.
9 17 5	0.	1.	0.	1.	0.	1.	740.3	135.00	-2031	47.21	0.	0.	-777.
9 17 10	0.	1.	0.	1.	0.	1.	740.9	137.48	-1059	43.07	0.	0.	-738.
9 17 16	0.	1.	0.	1.	0.	1.	741.5	105.63	-1952	47.95	0.	0.	-621.
9 17 21	0.	1.	0.	1.	0.	1.	742.2	120.71	-1965	43.69	0.	0.	-600.
9 17 26	0.	1.	0.	1.	0.	1.	729.3	139.16	-2057	43.00	0.	0.	-621.
9 17 31	0.	1.	0.	1.	0.	1.	730.6	134.32	-1952	43.07	0.	0.	-699.
9 17 36	0.	1.	0.	1.	0.	1.	741.5	137.48	-1662	50.16	0.	0.	-699.
9 17 41	0.	1.	0.	1.	0.	1.	742.0	137.48	-1741	43.43	0.	0.	-738.
9 17 46	0.	1.	0.	1.	0.	1.	751.4	135.00	-1793	43.32	0.	0.	-777.
9 17 51	0.	1.	0.	1.	0.	1.	750.7	137.48	-1873	43.69	0.	0.	-854.
9 17 56	0.	1.	0.	1.	0.	1.	751.4	139.16	-1846	54.22	0.	0.	-699.
9 18 1	0.	1.	0.	1.	0.	1.	751.4	139.16	-1931	50.53	0.	0.	-600.
9 18 6	0.	1.	0.	1.	0.	1.	751.4	139.16	-1846	43.00	0.	0.	-854.
9 18 11	0.	1.	0.	1.	0.	1.	751.4	140.00	-1820	43.07	0.	0.	-854.
9 18 16	0.	1.	0.	1.	0.	1.	750.1	137.48	-1978	43.43	0.	0.	-621.
9 18 21	0.	1.	0.	1.	0.	1.	750.1	138.32	-2018	49.24	0.	0.	-621.
9 18 26	0.	1.	0.	1.	0.	1.	744.0	140.83	-2004	43.69	0.	0.	-699.
9 18 31	0.	1.	0.	1.	0.	1.	752.2	141.67	-1338	43.32	0.	0.	-600.
9 18 36	0.	1.	0.	1.	0.	1.	742.0	140.83	-2004	47.95	0.	0.	-699.
9 18 41	0.	1.	0.	1.	0.	1.	743.4	142.51	-2018	43.69	0.	0.	-699.
9 18 46	0.	1.	0.	1.	0.	1.	742.0	139.16	-1846	43.69	0.	0.	-854.
9 18 51	0.	1.	0.	1.	0.	1.	742.0	140.00	-1925	43.24	0.	0.	-777.
9 19 1	0.	1.	0.	1.	0.	1.	744.0	140.83	-1846	49.43	0.	0.	-854.
9 19 1	0.	1.	0.	1.	0.	1.	741.5	142.51	-1965	43.50	0.	0.	-816.
9 19 6	0.	1.	0.	1.	0.	1.	742.0	142.51	-2136	46.04	0.	0.	-699.
9 19 19	0.	1.	0.	1.	0.	1.	742.0	141.67	-2004	47.95	0.	0.	-738.
9 19 21	0.	1.	0.	1.	0.	1.	744.0	139.16	-2004	47.21	0.	0.	-932.
9 19 26	0.	1.	0.	1.	0.	1.	741.5	140.83	-1930	47.95	0.	0.	-816.
9 19 31	0.	1.	0.	1.	0.	1.	747.1	144.19	-1365	43.24	0.	0.	-821.
9 19 36	0.	1.	0.	1.	0.	1.	740.9	144.19	-1846	43.43	0.	0.	-699.
9 19 41	0.	1.	0.	1.	0.	1.	740.9	144.19	-1952	43.50	0.	0.	-621.
9 19 46	0.	1.	0.	1.	0.	1.	751.4	145.06	-1873	43.06	0.	0.	-699.
9 19 59	0.	1.	0.	1.	0.	1.	751.4	145.06	-1312	43.07	0.	0.	-600.
9 19 57	0.	1.	0.	1.	0.	1.	729.3	145.06	-2163	43.69	0.	0.	-699.

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TIME H/M/S	AF 1A INIT LANDING GEAR UP	AF 1B INIT LANDING GEAR DN	AF 2A POSITN MAIN LANDING GEAR UP	AF 2B POSITN MAIN LANDING GEAR DN	AF 3A POSINT NOSE LANDING GEAR UP	AF 3B POSITN NOSE LANDING GEAR DN	P2 03 TEMP TURBIN INLET TEMP/M ENGINE	CS 01 AIRSPD (TRUE)	CS 02 MACH NUMBER	CS 04 HEADING ARCFT	IN 03 EVENT MARKER CAMERA SWITCH	IN 04 INT ENG START L+R	EC 02 RATE ALT PRESS
9 20 2	0.	1.	0.	1.	0.	1.	735.0	145.06	.2110	43.24	0.	0.	-621.
9 20 7	0.	1.	0.	1.	0.	1.	739.1	149.10	.1974	43.32	0.	0.	-694.
9 20 12	0.	1.	0.	1.	0.	1.	740.9	142.51	.2070	47.77	0.	0.	-777.
9 20 17	0.	1.	0.	1.	0.	1.	742.8	145.06	.1873	43.06	0.	0.	-699.
9 20 22	0.	1.	0.	1.	0.	1.	742.2	146.70	.1965	43.50	0.	0.	-699.
9 20 27	0.	1.	0.	1.	0.	1.	739.1	143.22	.2004	43.43	0.	0.	-777.
9 20 32	0.	1.	0.	1.	0.	1.	740.9	148.38	.1938	51.82	0.	0.	-1553.
9 20 37	0.	1.	0.	1.	0.	1.	750.1	149.22	.1978	48.32	0.	0.	-1087.
9 20 42	0.	1.	0.	1.	0.	1.	751.4	150.89	.1991	43.06	0.	0.	-354.
9 20 47	0.	1.	0.	1.	0.	1.	750.1	143.22	.2031	43.32	0.	0.	-1284.
9 20 52	0.	1.	0.	1.	0.	1.	751.4	149.22	.2031	48.50	0.	0.	-932.
9 20 57	0.	1.	0.	1.	0.	1.	750.1	147.54	.1952	47.54	0.	0.	-816.
9 21 2	0.	1.	0.	1.	0.	1.	751.4	148.38	.1407	48.32	0.	0.	-621.
9 21 7	0.	1.	0.	1.	0.	1.	748.9	147.54	.1952	50.53	0.	0.	-621.
9 21 12	0.	1.	0.	1.	0.	1.	749.5	148.38	.2031	43.43	0.	0.	-932.
9 21 17	0.	1.	0.	1.	0.	1.	746.9	143.22	.1952	43.43	0.	0.	-816.
9 21 22	0.	1.	0.	1.	0.	1.	743.5	143.22	.1965	43.24	0.	0.	-699.
9 21 27	0.	1.	0.	1.	0.	1.	743.9	143.22	.2163	47.95	0.	0.	-699.
9 21 32	0.	1.	0.	1.	0.	1.	748.9	148.38	.1912	47.95	0.	0.	-699.
9 21 37	0.	1.	0.	1.	0.	1.	742.8	143.22	.2136	43.43	0.	0.	-699.
9 21 42	0.	1.	0.	1.	0.	1.	731.7	150.06	.2176	48.87	0.	0.	-777.
9 21 47	0.	1.	0.	1.	0.	1.	735.0	143.22	.2084	43.06	0.	0.	-777.
9 21 52	0.	1.	0.	1.	0.	1.	739.2	148.38	.1973	43.98	0.	0.	-738.
9 22 2	0.	1.	0.	1.	0.	1.	744.1	150.89	.2189	48.69	0.	0.	-816.
9 22 7	0.	1.	0.	1.	0.	1.	747.7	151.73	.2070	43.24	0.	0.	-816.
9 22 12	0.	1.	0.	1.	0.	1.	742.9	150.89	.2189	48.32	0.	0.	-854.
9 22 17	0.	1.	0.	1.	0.	1.	741.1	150.89	.2149	48.14	0.	0.	-777.
9 22 22	0.	1.	0.	1.	0.	1.	743.2	152.57	.1978	47.95	0.	0.	-699.
9 22 27	0.	1.	0.	1.	0.	1.	749.8	149.22	.1965	43.32	0.	0.	-777.
9 22 32	0.	1.	0.	1.	0.	1.	756.8	149.22	.1899	43.80	0.	0.	-699.
9 22 37	0.	1.	0.	1.	0.	1.	755.3	152.57	.1978	43.61	0.	0.	-816.
9 22 42	0.	1.	0.	1.	0.	1.	744.1	154.25	.2057	43.69	0.	0.	-821.
9 22 47	0.	1.	0.	1.	0.	1.	747.7	153.41	.2123	48.14	0.	0.	-860.
9 22 52	0.	1.	0.	1.	0.	1.	742.9	154.25	.1973	43.32	0.	0.	-854.
9 22 57	0.	1.	0.	1.	0.	1.	742.3	153.41	.2110	43.50	0.	0.	-777.
9 23 2	0.	1.	0.	1.	0.	1.	744.1	152.57	.2163	47.95	0.	0.	-777.
9 23 7	0.	1.	0.	1.	0.	1.	743.8	152.57	.2018	47.95	0.	0.	-816.
9 23 12	0.	1.	0.	1.	0.	1.	755.5	152.57	.2057	48.84	0.	0.	-932.
9 23 17	0.	1.	0.	1.	0.	1.	754.9	153.41	.2057	43.40	0.	0.	-893.
9 23 22	0.	1.	0.	1.	0.	1.	754.9	153.41	.2057	43.24	0.	0.	-899.
9 23 27	0.	1.	0.	1.	0.	1.	740.5	154.25	.1939	43.06	0.	0.	-699.
9 23 32	0.	1.	0.	1.	0.	1.	741.1	153.41	.1886	43.61	0.	0.	-621.
9 23 37	0.	1.	0.	1.	0.	1.	743.2	143.22	.2110	43.80	0.	0.	-1087.
9 23 42	0.	1.	0.	1.	0.	1.	749.8	143.22	.2110	43.50	0.	0.	-621.
9 23 47	0.	1.	0.	1.	0.	1.	742.9	154.25	.2004	43.80	0.	0.	-699.
9 23 52	0.	1.	0.	1.	0.	1.	749.2	153.41	.2044	43.06	0.	0.	-454.
9 24 3	0.	1.	0.	1.	0.	1.	750.8	154.25	.2084	43.80	0.	0.	-310.

TIME H/M/S	AF 1A INIT LANUNG GEAR UP	AF 1B INIT LANUNG GEAR JN	AF 2A POSITN MAIN LANUNG GR J3	AF 2J POSITN MAIN LANUNG GR J4	AF 3A POSITN NOSE LANUNG GR J3	AF 3B POSITN NOSE LANUNG GEAR DWN	PR U3 TEMP TURBIN INLET ENGINE	CS 01 AIRSPD (TRUE)	CS 02 MACH NUMBER	CS 04 HEADING AR-RFT	IN 03 EVENT MARKER CAMERA SWITCH	IN 04 INT ENG START L/R	EC 02 RATE ALT PRESS
9 24 0	0.	1.	0.	1.	0.	1.	554.3	149.22	.1978	47.21	0.	0.	-1243.
9 24 13	0.	1.	0.	1.	0.	1.	553.7	140.83	.2018	47.95	0.	0.	-971.
9 24 10	0.	1.	0.	1.	0.	1.	570.5	154.25	.2163	43.32	0.	0.	-821.
9 24 23	0.	1.	0.	1.	0.	1.	621.4	150.06	.2229	48.32	0.	0.	-1087.
9 28 16	0.	1.	0.	1.	0.	1.	573.7	155.92	.2057	47.95	0.	0.	-1553.
9 28 21	0.	1.	0.	1.	0.	1.	591.0	155.09	.2018	48.14	0.	0.	-1204.
9 28 34	0.	1.	0.	1.	0.	1.	573.7	155.92	.2057	43.80	0.	0.	-777.
9 28 31	0.	1.	0.	1.	0.	1.	591.0	155.09	.1991	44.87	0.	0.	-816.
9 28 36	0.	1.	0.	1.	0.	1.	578.5	155.92	.1970	49.06	0.	0.	-854.
9 28 41	0.	1.	0.	1.	0.	1.	573.5	156.76	.1930	43.61	0.	0.	-816.
9 28 46	0.	1.	0.	1.	0.	1.	573.7	155.92	.2057	48.69	0.	0.	-332.
9 28 51	0.	1.	0.	1.	0.	1.	500.4	159.26	.2176	48.14	0.	0.	-816.
9 28 56	0.	1.	0.	1.	0.	1.	578.5	155.92	.2163	43.43	0.	0.	-777.
9 29 1	0.	1.	0.	1.	0.	1.	501.0	156.76	.1912	49.43	0.	0.	-854.
9 29 6	0.	1.	0.	1.	0.	1.	595.9	157.60	.2110	49.43	0.	0.	-777.
9 29 16	0.	1.	0.	1.	0.	1.	505.3	157.60	.2110	50.16	0.	0.	-730.
9 29 16	0.	1.	0.	1.	0.	1.	587.1	155.92	.2260	48.32	0.	0.	-699.
9 29 21	0.	1.	0.	1.	0.	1.	596.5	155.92	.2109	43.24	0.	0.	-777.
9 29 26	0.	1.	0.	1.	0.	1.	585.9	157.60	.2264	43.80	0.	0.	-621.
9 29 31	0.	1.	0.	1.	0.	1.	584.0	155.09	.2189	50.16	0.	0.	-738.
9 29 36	0.	1.	0.	1.	0.	1.	591.0	152.57	.2268	43.69	0.	0.	-2736.
9 29 41	0.	1.	0.	1.	0.	1.	501.0	153.41	.2215	49.06	0.	0.	-1864.
9 29 47	0.	1.	0.	1.	0.	1.	591.6	157.60	.1952	50.16	0.	0.	-854.
9 29 52	0.	1.	0.	1.	0.	1.	573.7	158.43	.2070	48.69	0.	0.	-854.
9 29 55	0.	1.	0.	1.	0.	1.	502.2	167.58	.2268	47.95	0.	0.	-699.
9 30 2	0.	1.	0.	1.	0.	1.	577.3	163.42	.2163	48.87	0.	0.	-816.
9 30 7	0.	1.	0.	1.	0.	1.	578.5	154.25	.2242	49.43	0.	0.	-854.
9 30 12	0.	1.	0.	1.	0.	1.	501.0	150.06	.2229	43.24	0.	0.	-816.
9 30 17	0.	1.	0.	1.	0.	1.	572.4	157.60	.1925	43.00	0.	0.	-1553.
9 30 22	0.	1.	0.	1.	0.	1.	572.4	157.60	.1899	49.61	0.	0.	-1126.
9 30 27	0.	1.	0.	1.	0.	1.	549.5	157.60	.2242	43.06	0.	0.	-932.
9 30 32	0.	1.	0.	1.	0.	1.	507.7	156.43	.2176	48.14	0.	0.	-854.
9 30 37	0.	1.	0.	1.	0.	1.	585.9	157.60	.2242	43.80	0.	0.	-699.
9 30 42	0.	1.	0.	1.	0.	1.	596.5	158.76	.2110	43.24	0.	0.	-854.
9 30 47	0.	1.	0.	1.	0.	1.	543.5	159.26	.2163	43.05	0.	0.	-854.
9 30 52	0.	1.	0.	1.	0.	1.	531.4	158.43	.2110	49.61	0.	0.	-777.
9 30 57	0.	1.	0.	1.	0.	1.	590.0	157.60	.2031	43.63	0.	0.	-854.
9 31 2	0.	1.	0.	1.	0.	1.	597.1	159.76	.2070	44.07	0.	0.	-854.
9 31 7	0.	1.	0.	1.	0.	1.	583.4	154.25	.2110	50.16	0.	0.	-854.
9 31 12	0.	1.	0.	1.	0.	1.	592.3	155.92	.2176	43.43	0.	0.	-816.
9 31 17	0.	1.	0.	1.	0.	1.	502.2	159.26	.2321	48.69	0.	0.	-699.
9 31 22	0.	1.	0.	1.	0.	1.	580.4	157.59	.2123	43.06	0.	0.	-738.
9 31 27	0.	1.	0.	1.	0.	1.	532.2	157.60	.2057	50.15	0.	0.	-699.
9 31 32	0.	1.	0.	1.	0.	1.	591.0	155.92	.2084	43.24	0.	0.	-816.
9 31 37	0.	1.	0.	1.	0.	1.	579.7	152.57	.2084	43.69	0.	0.	-777.
9 31 42	0.	1.	0.	1.	0.	1.	575.7	15.09	.2136	43.06	0.	0.	-816.
9 31 52	0.	1.	0.	1.	0.	1.	571.2	157.59	.2136	48.32	0.	0.	-699.
9 31 57	0.	1.	0.	1.	0.	1.	571.2	157.59	.2097	48.14	0.	0.	-699.
9 31 57	0.	1.	0.	1.	0.	1.	571.2	155.92	.1899	48.69	0.	0.	-332.

TIME H/M/S	AF 1A INIT LANDING GEAR UP	AF 1B INIT LANDING GEAR DN	AF 2A POSITN MAIN LANDING SR JP	AF 2B POSITN MAIN LANDING GR JP	AF 3A POSITN NOSE LANDING GR JP	AF 3B POSITN NOSE LANDING GEAR DN	P2 03 TEMP TURBIN INLET T15L/H ENGINE	CS 01 AIRSPD (TRUE)	CS 02 MACH NUMBER	CS 04 TEMP AIRCFT	IN 03 EVENT MARKER CAMERA SWITCH	IN 04 INT ENG START L/R	EC 02 RATE ALI PRESS
9 32 2	0.	1.	0.	1.	0.	1.	537.5	155.92	.1938	43.06	0.	0.	-893.
9 32 7	0.	1.	0.	1.	0.	1.	532.6	157.60	.2242	43.43	0.	0.	-854.
9 32 12	0.	1.	0.	1.	0.	1.	532.6	157.60	.2255	43.43	0.	0.	-816.
9 32 17	0.	1.	0.	1.	0.	1.	532.6	157.60	.2295	43.06	0.	0.	-1553.
9 32 22	0.	1.	0.	1.	0.	1.	530.1	155.09	.2281	43.32	0.	0.	-1185.
9 32 28	0.	1.	0.	1.	0.	1.	532.6	157.60	.2242	43.69	0.	0.	-854.
9 32 33	0.	1.	0.	1.	0.	1.	532.0	157.60	.2149	43.32	0.	0.	-777.
9 32 38	0.	1.	0.	1.	0.	1.	532.6	157.60	.2136	43.43	0.	0.	-854.
9 32 43	0.	1.	0.	1.	0.	1.	533.2	155.92	.2136	43.43	0.	0.	-1204.
9 32 48	0.	1.	0.	1.	0.	1.	530.7	159.26	.2084	43.43	0.	0.	-777.
9 32 53	0.	1.	0.	1.	0.	1.	530.1	158.43	.2084	43.06	0.	0.	-777.
9 32 58	0.	1.	0.	1.	0.	1.	530.3	157.60	.1862	51.90	0.	0.	-621.
9 33 3	0.	1.	0.	1.	0.	1.	539.5	165.92	.1938	43.98	0.	0.	-748.
9 33 8	0.	1.	0.	1.	0.	1.	537.5	167.60	.2031	43.06	0.	0.	-854.
9 33 13	0.	1.	0.	1.	0.	1.	533.8	158.43	.2044	43.69	0.	0.	-777.
9 33 18	0.	1.	0.	1.	0.	1.	539.9	132.45	.2110	43.06	0.	0.	-1553.
9 33 23	0.	1.	0.	1.	0.	1.	539.5	145.03	.2123	43.06	0.	0.	-1126.
9 33 28	0.	1.	0.	1.	0.	1.	530.1	154.26	.2136	43.69	0.	0.	-854.
9 33 33	0.	1.	0.	1.	0.	1.	539.5	159.26	.2202	43.87	0.	0.	-777.
9 33 38	0.	1.	0.	1.	0.	1.	537.7	159.26	.2295	43.43	0.	0.	-544.
9 33 43	0.	1.	0.	1.	0.	1.	538.3	159.26	.2255	43.43	0.	0.	-621.
9 33 48	0.	1.	0.	1.	0.	1.	537.7	159.26	.2084	43.80	0.	0.	-621.
9 33 53	0.	1.	0.	1.	0.	1.	539.5	160.10	.2149	43.43	0.	0.	-868.
9 34 3	0.	1.	0.	1.	0.	1.	535.0	160.93	.2057	43.80	0.	0.	-854.
9 34 8	0.	1.	0.	1.	0.	1.	537.5	159.26	.2229	43.24	0.	0.	-777.
9 34 13	0.	1.	0.	1.	0.	1.	533.2	159.26	.2136	43.80	0.	0.	-854.
9 34 18	0.	1.	0.	1.	0.	1.	538.3	164.25	.2123	43.80	0.	0.	-893.
9 34 23	0.	1.	0.	1.	0.	1.	538.3	162.59	.2057	54.22	0.	0.	-854.
9 34 28	0.	1.	0.	1.	0.	1.	538.3	162.59	.2268	52.01	0.	0.	-738.
9 34 33	0.	1.	0.	1.	0.	1.	537.5	163.42	.2163	47.95	0.	0.	-777.
9 34 38	0.	1.	0.	1.	0.	1.	537.5	163.42	.2215	43.14	0.	0.	-816.
9 34 43	0.	1.	0.	1.	0.	1.	534.8	160.93	.2255	43.95	0.	0.	-854.
9 34 48	0.	1.	0.	1.	0.	1.	535.1	160.93	.2031	43.24	0.	0.	-777.
9 34 53	0.	1.	0.	1.	0.	1.	539.7	160.93	.2318	47.21	0.	0.	-854.
9 35 3	0.	1.	0.	1.	0.	1.	535.4	162.59	.2268	43.58	0.	0.	-932.
9 35 8	0.	1.	0.	1.	0.	1.	534.8	163.42	.2242	43.32	0.	0.	-854.
9 35 13	0.	1.	0.	1.	0.	1.	533.2	160.93	.2374	43.06	0.	0.	-777.
9 35 18	0.	1.	0.	1.	0.	1.	535.1	163.42	.2374	43.69	0.	0.	-854.
9 35 23	0.	1.	0.	1.	0.	1.	538.1	154.26	.2374	43.61	0.	0.	-854.
9 35 28	0.	1.	0.	1.	0.	1.	533.3	160.93	.2400	43.43	0.	0.	-699.
9 35 33	0.	1.	0.	1.	0.	1.	532.4	160.93	.2057	43.61	0.	0.	-738.
9 35 38	0.	1.	0.	1.	0.	1.	534.8	160.93	.2057	43.80	0.	0.	-1243.
9 35 43	0.	1.	0.	1.	0.	1.	530.4	159.26	.2004	43.24	0.	0.	-1049.
9 35 48	0.	1.	0.	1.	0.	1.	536.5	160.10	.1833	43.32	0.	0.	-777.
9 35 53	0.	1.	0.	1.	0.	1.	530.2	164.25	.2268	43.14	0.	0.	-816.
9 35 58	0.	1.	0.	1.	0.	1.	539.6	163.42	.2176	43.06	0.	0.	-932.
9 36 3	0.	1.	0.	1.	0.	1.	507.9	164.25	.2400	43.43	0.	0.	-854.
9 36 8	0.	1.	0.	1.	0.	1.	603.5	163.42	.2242	50.16	0.	0.	-493.

TIME H/M/S	AF 1A INIT LANONG GEAR UP	AF 1B INIT LANONG GEAR DN	AF 2A POSITN MAIN LANONG GEAR UP	AF 2B POSITN MAIN LANONG GEAR DN	AF 3A POSITN NOSE LANONG GEAR UP	AF 3B POSITN NOSE LANONG GEAR DN	PR 03 TEMP TURBIN IN-LET TUSL/H ENGINE	CS 01 AIRSPD (TRUE)	CS 02 MACH NUMBER	CS 04 HEADING ARCRAFT	IN 03 EVENT MARKER CAMERA SWITCH	IN 04 INT ENG START L+R	EC 02 WATE ALT PRESS
9 36 9	0.	1.	0.	1.	J.	1.	501.8	164.25	-2084	49.60	0.	0.	-854.
9 36 14	0.	1.	0.	1.	J.	1.	500.0	163.42	-2044	49.61	0.	0.	-854.
9 36 19	0.	1.	0.	1.	0.	1.	501.8	163.93	-2057	49.66	0.	0.	-1010.
9 36 24	0.	1.	0.	1.	0.	1.	504.3	162.59	-2189	49.66	0.	0.	-893.
9 36 29	0.	1.	0.	1.	0.	1.	505.7	160.91	-2215	49.93	0.	0.	-777.
9 36 34	0.	1.	0.	1.	0.	1.	505.5	160.91	-2136	49.32	0.	0.	-854.
9 36 39	0.	1.	0.	1.	0.	1.	504.3	160.93	-1952	49.43	0.	0.	-777.
9 36 44	0.	1.	0.	1.	0.	1.	504.3	162.59	-2163	49.61	0.	0.	-777.
9 36 49	0.	1.	0.	1.	0.	1.	503.0	160.93	-2215	49.69	0.	0.	-932.
9 36 54	0.	1.	0.	1.	0.	1.	502.4	160.10	-2164	49.66	0.	0.	-893.
9 37 4	0.	1.	0.	1.	0.	1.	539.4	160.93	-2084	49.79	0.	0.	-1047.
9 37 9	0.	1.	0.	1.	0.	1.	500.0	160.10	-2031	49.67	0.	0.	-1049.
9 37 14	0.	1.	0.	1.	0.	1.	530.1	160.93	-2084	49.60	0.	0.	-932.
9 37 19	0.	1.	0.	1.	0.	1.	530.7	160.91	-2282	49.43	0.	0.	-1243.
9 37 24	0.	1.	0.	1.	0.	1.	600.6	160.93	-2268	49.93	0.	0.	-699.
9 37 29	0.	1.	0.	1.	0.	1.	600.5	158.43	-2163	49.32	0.	0.	-316.
9 37 34	0.	1.	0.	1.	0.	1.	539.4	160.93	-1952	49.43	0.	0.	-854.
9 37 39	0.	1.	0.	1.	0.	1.	515.5	160.93	-1991	49.43	0.	0.	-854.
9 37 44	0.	1.	0.	1.	0.	1.	639.8	160.93	-2268	49.69	0.	0.	-699.
9 37 49	0.	1.	0.	1.	0.	1.	541.0	160.93	-2255	49.67	0.	0.	-816.
9 37 54	0.	1.	0.	1.	0.	1.	538.2	160.93	-2242	49.53	0.	0.	-699.
9 38 4	0.	1.	0.	1.	0.	1.	539.2	160.10	-2308	49.80	0.	0.	-777.
9 38 9	0.	1.	0.	1.	0.	1.	539.2	159.26	-2136	49.43	0.	0.	-777.
9 38 14	0.	1.	0.	1.	0.	1.	557.4	159.26	-2176	49.80	0.	0.	-730.
9 38 19	0.	1.	0.	1.	0.	1.	555.7	160.93	-2215	49.80	0.	0.	-866.
9 38 24	0.	1.	0.	1.	0.	1.	555.8	160.93	-2169	49.93	0.	0.	-854.
9 38 29	0.	1.	0.	1.	0.	1.	555.8	160.93	-2295	49.80	0.	0.	-854.
9 38 34	0.	1.	0.	1.	0.	1.	558.0	160.10	-2255	49.24	0.	0.	-816.
9 38 39	0.	1.	0.	1.	0.	1.	556.8	159.26	-2321	49.43	0.	0.	-854.
9 38 44	0.	1.	0.	1.	0.	1.	562.5	159.26	-2123	49.81	0.	0.	-854.
9 38 49	0.	1.	0.	1.	0.	1.	552.1	159.26	-2347	49.80	0.	0.	-854.
9 39 4	0.	1.	0.	1.	0.	1.	550.4	159.26	-2176	49.80	0.	0.	-833.
9 39 9	0.	1.	0.	1.	0.	1.	550.4	159.26	-2163	49.43	0.	0.	-699.
9 39 14	0.	1.	0.	1.	0.	1.	547.2	164.25	-2199	49.32	0.	0.	-816.
9 39 19	0.	1.	0.	1.	0.	1.	549.4	161.76	-2070	50.10	0.	0.	-854.
9 39 24	0.	1.	0.	1.	0.	1.	549.4	162.59	-2215	49.43	0.	0.	-544.
9 39 29	0.	1.	0.	1.	0.	1.	549.0	160.93	-2163	49.69	0.	0.	-868.
9 39 34	0.	1.	0.	1.	0.	1.	547.2	159.26	-2400	50.22	0.	0.	-932.
9 39 39	0.	1.	0.	1.	0.	1.	546.5	161.51	11715	49.75	0.	0.	-854.
9 39 44	0.	1.	0.	1.	0.	1.	552.1	162.81	20010	49.21	0.	0.	-854.
9 39 49	0.	1.	0.	1.	0.	1.	552.1	162.81	20010	49.24	0.	0.	-893.
9 40 4	0.	1.	0.	1.	0.	1.	645.9	162.51	-1873	49.32	0.	0.	-854.
9 40 9	0.	1.	0.	1.	0.	1.	645.3	164.19	-2123	49.14	0.	0.	-816.
9 40 14	0.	1.	0.	1.	0.	1.	631.2	159.16	-2321	49.11	0.	0.	-777.
9 40 19	0.	1.	0.	1.	0.	1.	639.2	163.35	-2309	49.40	0.	0.	-854.
9 40 24	0.	1.	0.	1.	0.	1.	602.7	164.19	-1767	49.61	0.	0.	-854.
9 40 29	0.	1.	0.	1.	0.	1.	705.4	166.70	-1768	49.95	0.	0.	-893.
9 40 34	0.	1.	0.	1.	0.	1.	746.3	165.66	-1741	49.58	0.	0.	-854.

TIME H/M/S	AF 1A INIT LANDING GEAR JP	AF 1B INIT LANDING GEAR DN	AF 2A POSITN MAIN JP	AF 2B POSITN MAIN GR	AF 3A POSITN NUSE GR	AF 3B POSITN NUSE GEAR	PR 03 TEMP TURBIN INLET T13/L/H ENGINE	CS 01 AIRSPU (TRUE)	CS 02 MACH NUMBER	CS 04 HEADING ARCRFT	IN 03 EVENT MARKER CAMERA SWITCH	IN 04 INT ENG START L/R	EC 02 RATE ALT PRESS
10 0 42	0.	1.	0.	1.	0.	1.	743.4	144.19	.1741	47.77	0.	0.	-893.
10 0 47	0.	1.	0.	1.	0.	1.	750.1	144.19	.2268	45.37	0.	0.	-932.
10 0 52	0.	1.	0.	1.	0.	1.	752.6	145.06	.2136	45.37	0.	0.	-893.
10 0 57	0.	1.	0.	1.	0.	1.	755.3	147.54	.2268	45.00	0.	0.	-854.
10 1 2	0.	1.	0.	1.	0.	1.	755.6	148.00	.2073	45.37	0.	0.	-893.
10 1 7	0.	1.	0.	1.	0.	1.	740.3	147.54	.1925	45.37	0.	0.	-854.
10 1 12	0.	1.	0.	1.	0.	1.	755.1	147.54	.2097	46.84	0.	0.	-738.
10 1 17	0.	1.	0.	1.	0.	1.	815.1	145.06	.2084	46.48	0.	0.	-777.
10 1 22	0.	1.	0.	1.	0.	1.	821.8	145.03	.1925	46.66	0.	0.	-854.
10 1 32	0.	1.	0.	1.	0.	1.	827.4	147.54	.2347	46.48	0.	0.	-854.
10 1 37	0.	1.	0.	1.	0.	1.	832.3	147.54	.2229	46.66	0.	0.	-893.
10 1 42	0.	1.	0.	1.	0.	1.	840.8	149.22	.2110	46.84	0.	0.	-1243.
10 1 47	0.	1.	0.	1.	0.	1.	842.1	145.38	.1839	46.48	0.	0.	-1010.
10 1 52	0.	1.	0.	1.	0.	1.	842.7	147.54	.1899	46.48	0.	0.	-932.
10 1 57	0.	1.	0.	1.	0.	1.	840.8	146.70	.2084	47.03	0.	0.	-893.
10 2 2	0.	1.	0.	1.	0.	1.	839.6	145.06	.1899	46.63	0.	0.	-932.
10 2 7	0.	1.	0.	1.	0.	1.	827.4	145.06	.1793	47.95	0.	0.	-1087.
10 2 13	0.	1.	0.	1.	0.	1.	832.3	146.70	.1846	47.40	0.	0.	-1010.
10 2 18	0.	1.	0.	1.	0.	1.	847.0	145.06	.1925	47.21	0.	0.	-932.
10 2 23	0.	1.	0.	1.	0.	1.	843.9	146.70	.1886	47.03	0.	0.	-932.
10 2 28	0.	1.	0.	1.	0.	1.	830.4	147.54	.2268	45.00	0.	0.	-893.
10 2 33	0.	1.	0.	1.	0.	1.	745.8	148.38	.2176	45.74	0.	0.	-893.
10 2 38	0.	1.	0.	1.	0.	1.	652.1	150.89	.1925	47.21	0.	0.	-777.
10 2 43	0.	1.	0.	1.	0.	1.	643.5	150.86	.2057	47.58	0.	0.	-816.
10 2 48	0.	1.	0.	1.	0.	1.	622.6	149.22	.2004	47.95	0.	0.	-854.
10 2 53	0.	1.	0.	1.	0.	1.	623.9	150.86	.2031	49.24	0.	0.	-816.
10 2 58	0.	1.	0.	1.	0.	1.	620.2	152.57	.2057	47.95	0.	0.	-932.
10 3 3	0.	1.	0.	1.	0.	1.	614.4	151.73	.2176	46.66	0.	0.	-932.
10 3 8	0.	1.	0.	1.	0.	1.	614.1	150.89	.2268	45.74	0.	0.	-932.
10 3 13	0.	1.	0.	1.	0.	1.	612.2	150.86	.2097	46.11	0.	0.	-971.
10 3 18	0.	1.	0.	1.	0.	1.	633.4	150.89	.2004	47.21	0.	0.	-777.
10 3 23	0.	1.	0.	1.	0.	1.	653.9	150.89	.2016	47.58	0.	0.	-816.
10 3 28	0.	1.	0.	1.	0.	1.	533.4	147.54	.1952	46.63	0.	0.	-854.
10 3 33	0.	1.	0.	1.	0.	1.	531.3	149.22	.2004	47.58	0.	0.	-893.
10 3 38	0.	1.	0.	1.	0.	1.	535.5	147.54	.1767	47.95	0.	0.	-1553.
10 3 43	0.	1.	0.	1.	0.	1.	554.9	148.38	.1059	47.95	0.	0.	-1204.
10 3 48	0.	1.	0.	1.	0.	1.	501.3	155.92	.1662	46.63	0.	0.	-932.
10 3 53	0.	1.	0.	1.	0.	1.	482.7	151.73	.1675	45.18	0.	0.	-1942.
10 3 58	0.	1.	0.	1.	0.	1.	454.7	147.54	LOW	47.21	0.	0.	-932.
10 4 3	0.	1.	0.	1.	0.	1.	408.7	147.54	LOW	47.95	0.	0.	-1087.
10 4 8	0.	1.	0.	1.	0.	1.	362.8	147.54	LOW	47.58	0.	0.	-932.

B COMMUTATOR

TIME H/M/S	EC 03 TEMP RAM AR	EC 22 POSITN TEMP CONTROL	EC 62 POSITN PRIMRY RAM EXIT DOOR =	AF TOTAL FUEL QNTY	PR 05 POSITN NUZZLE L/HENG	PR 06 POSITN THRJL L/HENG	FC 01 POSITN FLAP	FC 02 POSITN MING SWEEP	FC 03 POSITN SPRU BRAKE DOOR
0 57 9	49.52	LOW	20.340	10734.	0.000	LOW	0.000	16.24	21.58
0 57 14	49.52	LOW	20.340	10700.	.013	LOW	0.000	16.24	21.88
0 57 19	49.04	LOW	20.250	10626.	0.000	LOW	0.000	16.24	21.00
0 57 24	49.52	LOW	20.397	10275.	.009	LOW	0.000	16.25	21.91
0 57 29	49.52	0.00	20.340	10550.	0.000	LOW	0.000	16.26	21.08
0 57 42	49.52	*0000.00	20.397	10734.	.013	LOW	0.000	16.25	21.00
0 57 39	49.52	LOW	20.055	10734.	0.000	LOW	0.000	16.26	21.94
0 57 44	49.76	LOW	20.152	10780.	.009	LOW	0.000	16.25	21.88
0 57 49	49.52	LOW	20.445	10642.	0.000	LOW	0.000	16.25	21.02
0 57 59	49.52	LOW	20.340	10600.	.009	LOW	0.000	16.25	21.85
0 57 54	43.04	LOW	20.340	10917.	0.000	LOW	0.000	16.25	21.82
0 58 9	49.04	LOW	20.201	10826.	0.000	LOW	0.000	16.26	21.79
0 58 9	40.56	LOW	20.055	10917.	.327	LOW	0.000	16.25	21.82
0 58 14	40.56	LOW	20.104	10600.	.719	LOW	0.000	16.26	21.64
0 58 19	49.04	LOW	20.055	10642.	.027	LOW	0.000	16.19	21.82
0 58 24	50.23	LOW	20.104	10550.	.013	LOW	0.000	16.23	21.82
0 58 29	49.52	LOW	20.340	10917.	0.000	LOW	0.000	16.25	21.82
0 58 34	49.52	LOW	20.739	10872.	0.000	LOW	0.000	16.25	21.91
0 58 40	40.56	3.00	20.340	10626.	.013	LOW	0.000	16.25	21.88
0 58 45	40.56	*0000.00	20.055	10826.	.009	LOW	0.000	16.25	21.85
0 58 50	49.04	LOW	20.543	10917.	.009	LOW	0.000	16.25	22.30
0 58 55	40.00	*0000.00	20.005	10734.	.004	LOW	0.000	16.25	21.05
0 59 0	49.52	LOW	20.055	10734.	.013	LOW	0.000	16.25	21.88
0 59 5	49.20	LOW	20.250	10626.	.009	LOW	0.000	16.25	22.28
0 59 10	49.52	0.00	20.041	10826.	.027	LOW	0.000	16.25	21.76
0 59 15	49.20	*0000.00	20.592	10700.	.013	LOW	0.000	16.25	21.79
0 59 20	49.04	LOW	20.739	10826.	.036	LOW	0.000	16.25	21.76
0 59 20	40.56	*0000.00	20.397	10600.	.034	LOW	0.000	16.26	21.70
0 59 23	40.56	1.25	20.032	10459.	.009	LOW	0.000	16.20	21.58
0 59 28	40.00	.98	20.542	10505.	.005	LOW	0.000	16.26	21.61
0 59 33	40.56	4.11	20.445	10550.	.039	LOW	0.000	16.27	21.58
0 59 38	47.60	3.04	20.445	10550.	.005	LOW	0.000	16.27	21.64
0 59 43	49.52	2.14	20.340	10367.	.030	LOW	0.000	16.26	21.70
0 59 48	49.04	2.06	20.243	10505.	.005	LOW	0.000	16.26	21.70
0 59 53	40.56	1.43	20.152	10367.	.009	LOW	0.000	16.26	21.64
0 59 58	40.00	1.70	20.104	10505.	.075	LOW	0.000	16.27	21.64
0 59 58	49.52	2.50	20.340	10459.	.030	LOW	0.000	16.20	21.58
0 59 58	49.04	2.23	20.201	10459.	.076	LOW	0.000	16.20	21.53
0 59 58	49.04	.71	20.201	10367.	.000	LOW	0.000	16.27	21.70
0 59 58	49.04	1.01	20.201	10367.	.000	LOW	0.000	16.26	21.73
0 59 58	49.04	1.42	20.445	10367.	.000	LOW	0.000	16.26	21.64
0 59 58	49.04	1.91	20.445	10413.	.075	LOW	0.000	16.26	21.64
0 59 58	49.04	18.21	20.055	10367.	.063	LOW	0.000	16.26	21.76
0 59 58	40.32	17.95	20.249	10413.	.058	LOW	0.000	16.26	21.79
0 59 58	47.12	19.02	20.739	10367.	.054	LOW	0.000	16.26	21.64

TIME MM/SS	EC 03 TEMP YAM AR	EC 22 POSITN TEMP CONTROL	EC 02 POSITN PRIMRY RAM EXIT DUOR =	AF TOTAL FUEL UNTY	PR 35 POSITN NOZZLE L/HENG	PR 05 POSITN THRJT L/HENG	FC 01 POSITN F-AP	FC 02 POSITN WING SM LP	FC 03 POSITN SPEED BRAKE DUOR
9 51 48	48.32	19.46	24.197	10367.	.359	LOW	0.000	16.26	21.64
9 51 51	48.50	19.29	28.343	10550.	.071	LOW	0.000	16.26	21.73
9 51 54	48.56	19.31	28.440	10550.	.080	LOW	0.000	16.26	21.61
9 52 4	48.08	17.50	28.053	10459.	.054	LOW	0.000	16.26	21.64
9 52 9	48.40	18.21	24.201	10505.	.071	LOW	0.000	16.26	21.56
9 52 14	49.52	20.00	28.152	10826.	.107	LOW	0.000	16.26	21.70
9 52 19	49.28	18.06	23.281	10688.	.098	LOW	0.000	16.26	21.67
9 52 24	50.00	17.68	27.457	10275.	.098	LOW	0.000	16.27	21.64
9 52 29	50.60	17.77	28.258	10550.	.098	LOW	0.000	16.27	21.73
9 52 34	46.15	17.14	28.053	10459.	.083	LOW	0.000	16.26	21.70
9 52 39	47.84	17.95	28.293	10642.	.080	LOW	0.000	16.27	21.64
9 52 44	50.00	16.79	28.152	10275.	.071	LOW	0.000	16.26	21.38
9 52 49	50.00	17.50	28.152	10223.	.083	LOW	0.000	16.27	21.76
9 52 54	50.00	18.39	23.750	11101.	.054	LOW	0.000	16.28	21.64
9 52 59	49.52	18.66	28.152	10734.	.054	LOW	0.000	16.26	21.67
9 53 4	50.00	20.00	21.443	10459.	.083	LOW	0.000	16.26	21.70
9 53 9	49.76	18.93	28.397	10459.	.083	LOW	0.000	16.26	21.58
9 53 14	48.56	13.57	28.152	10367.	.053	LOW	0.000	16.28	21.70
9 53 19	48.32	19.11	28.250	10459.	.057	LOW	0.000	16.27	21.67
9 53 24	50.95	19.82	28.343	10459.	.071	LOW	0.000	16.27	21.64
9 53 29	50.48	19.82	28.258	10413.	.076	LOW	0.000	16.27	21.64
9 53 34	50.00	18.57	29.343	10367.	.053	LOW	0.000	16.26	20.52
9 53 39	50.24	18.84	28.433	10400.	.073	LOW	0.000	16.27	21.11
9 53 44	49.52	17.86	28.053	10550.	.054	LOW	0.000	16.25	21.76
9 53 49	45.91	17.86	28.397	10505.	.053	LOW	0.000	16.25	21.76
9 53 54	50.48	18.57	23.152	10982.	.063	LOW	0.000	16.27	21.76
9 53 59	49.52	19.11	24.104	10223.	.057	LOW	0.000	16.27	21.73
9 54 9	50.48	17.68	28.053	10183.	.071	LOW	0.000	16.27	21.64
9 54 14	50.48	17.23	28.053	10223.	.071	LOW	0.000	16.27	21.70
9 54 19	48.15	18.81	29.323	10275.	.027	LOW	0.000	16.25	21.70
9 54 24	47.84	17.50	28.788	10223.	.045	LOW	0.000	16.25	21.76
9 54 29	50.48	19.04	28.053	10183.	.059	LOW	0.000	16.26	21.53
9 54 34	48.71	19.04	28.281	9954.	.083	LOW	0.000	16.26	21.58
9 54 39	42.31	18.04	28.053	11101.	.054	LOW	0.000	16.26	21.76
9 54 44	45.67	18.84	24.104	10826.	.050	LOW	0.000	16.26	21.73
9 54 49	49.52	20.54	28.152	10275.	.053	LOW	0.000	16.27	21.70
9 54 54	49.52	19.82	28.281	10367.	.076	LOW	0.000	16.27	21.64
9 54 59	49.52	19.29	27.757	10459.	.076	LOW	0.000	16.27	21.64
9 55 4	49.52	18.93	28.293	10459.	.076	LOW	0.000	16.26	21.56
9 55 9	48.56	17.68	24.250	10459.	.059	LOW	0.000	16.26	21.76
9 55 14	48.04	18.13	28.343	10321.	.053	LOW	0.000	16.26	21.76
9 55 19	50.48	19.82	28.250	10183.	.059	LOW	0.000	16.26	21.70
9 55 24	50.48	19.55	28.053	10183.	.053	LOW	0.000	16.27	21.70
9 55 29	48.04	18.57	24.443	10275.	.071	LOW	0.000	16.26	21.82
9 55 34	48.32	19.55	28.293	10367.	.080	LOW	0.000	16.26	21.76
9 55 39	49.52	17.08	21.053	10459.	.071	LOW	0.000	16.27	21.64
9 55 44	48.48	17.77	27.908	10596.	.044	LOW	0.000	16.26	21.64
9 55 49	50.48	18.21	24.250	10642.	0.000	LOW	0.000	16.26	21.64
9 55 54	50.48	18.57	28.739	10550.	0.000	LOW	0.000	16.25	21.67

02

TIME H/M/S	EC TEMP RAM AR	EC 22 TEMP CONTRL	EC 52 POSITN PRIMRY RAM EXIT JOUR	AF TOTAL FUEL QNTY	PK J3 POSITN NOZZLE L/MENG	PK 05 POSITN THRJTL L/MENG	FC 01 POSITN F-AP	FC 02 WING SWEEP	FL 03 POSITN SPEED BRAKE JOUR
9 15 55	50.48	19.11	28.055	10092.	0.000	LOM	0.000	16.25	21.64
9 16 0	50.48	19.20	28.152	10275.	.009	LOM	0.000	16.25	21.64
9 16 5	50.48	18.39	28.152	10459.	0.000	LOM	0.000	16.26	21.64
9 16 10	50.00	18.04	28.250	10459.	0.000	LOM	0.000	16.25	21.67
9 16 15	50.48	17.68	27.859	10459.	0.000	LOM	0.000	16.25	21.70
9 16 20	50.71	18.13	28.293	10413.	.009	LOM	0.000	16.25	21.70
9 16 25	50.49	18.39	28.055	10442.	0.000	LOM	0.000	16.25	21.70
9 16 35	50.24	18.21	28.250	10505.	0.000	LOM	0.000	16.26	21.64
9 16 35	50.48	19.29	27.957	10459.	0.000	LOM	0.000	16.25	21.70
9 16 45	48.08	18.48	28.201	10413.	0.000	LOM	0.000	16.25	21.70
9 16 50	49.29	19.38	28.055	10413.	.022	LOM	0.000	16.25	21.53
9 16 55	50.95	18.39	28.250	10550.	0.000	LOM	0.000	16.25	21.53
9 17 0	50.71	19.46	28.250	10550.	0.000	LOM	0.000	16.26	21.64
9 17 5	51.43	1.43	28.152	10459.	0.000	LOM	0.000	16.26	21.64
9 17 10	50.71	2.32	28.152	10367.	0.000	LOM	0.000	16.26	21.67
9 17 16	50.00	2.32	28.055	10459.	0.000	LOM	0.000	16.26	21.67
9 17 21	50.24	2.43	28.152	10459.	0.000	LOM	0.000	16.25	21.70
9 17 26	50.49	2.14	28.445	10367.	.004	LOM	0.000	16.26	21.73
9 17 31	50.71	1.34	28.397	10367.	0.000	LOM	0.000	16.26	21.64
9 17 36	50.48	100.00	28.055	10367.	0.000	LOM	0.000	16.25	21.70
9 17 41	50.48	100.00	28.005	10367.	0.000	LOM	0.000	16.25	21.67
9 17 46	50.95	100.00	28.152	10183.	.009	LOM	0.000	16.26	21.67
9 17 51	50.95	100.00	28.152	10321.	.013	LOM	0.000	16.25	21.70
9 17 56	50.48	100.00	28.055	10275.	0.000	LOM	0.000	16.25	21.67
9 18 1	50.95	100.00	28.005	10275.	0.000	LOM	0.000	16.25	21.64
9 18 6	50.48	LOM	28.445	10275.	0.000	LOM	0.000	16.25	21.64
9 18 11	50.48	LOM	28.445	10275.	0.000	LOM	0.000	16.25	21.76
9 18 16	50.95	LOM	28.445	10275.	0.000	LOM	0.000	16.25	21.70
9 18 21	50.71	LOM	28.201	10275.	0.000	LOM	0.000	16.25	21.76
9 18 26	50.44	LOM	28.055	10183.	0.000	LOM	0.000	16.25	21.76
9 18 31	50.00	LOM	28.201	10275.	0.000	LOM	0.000	16.25	21.64
9 18 36	50.00	LOM	28.152	10275.	0.000	LOM	0.000	16.25	21.64
9 18 41	50.24	LOM	28.197	10183.	0.000	LOM	0.000	16.26	21.70
9 18 46	50.44	LOM	28.055	10092.	.027	LOM	0.000	16.25	21.11
9 18 51	50.71	0.00	28.201	10138.	.019	LOM	0.000	16.25	21.70
9 18 56	50.95	0.00	28.348	10092.	0.000	LOM	0.000	16.26	21.67
9 19 1	50.71	LOM	28.293	10092.	0.000	LOM	0.000	16.25	21.64
9 19 6	50.48	LOM	28.201	10138.	0.000	LOM	0.000	16.25	21.64
9 19 19	49.76	1.25	28.104	10183.	.019	LOM	0.000	16.25	21.64
9 19 21	51.43	1.43	28.348	10092.	.009	LOM	0.000	16.25	21.74
9 19 26	51.19	1.79	28.201	10138.	.043	LOM	0.000	16.25	22.19
9 19 29	50.48	2.14	28.733	9725.	.016	LOM	0.000	16.25	21.98
9 19 31	51.24	2.05	28.543	9954.	.015	LOM	0.000	16.25	21.70
9 19 36	49.52	100.00	28.055	10183.	0.000	LOM	0.000	16.22	21.70
9 19 41	50.00	100.00	28.445	10138.	.009	LOM	0.000	16.23	21.70
9 19 46	50.48	100.00	28.152	10092.	.009	LOM	0.000	16.25	21.64
9 19 54	50.48	27.64	28.201	10092.	.004	LOM	0.000	16.22	21.70
9 19 57	50.95	35.36	28.445	10092.	0.000	LOM	0.000	16.25	22.29

TIM- H/M/S	EC 03 TEMP RAM AR	EC 22 POSITN TEMP CONTRL	EC 62 POSITN PRIMRY RAM EXIT DOOR =	AF TOTAL FUEL QNTY	PR 05 POSITN NOZZLE L/HENG	PR 06 POSITN THROTL L/HENG	FC 01 POSITN F-AP	FC 02 POSITN HING SWEEP	FC 03 POSITN SPEED BRAKE DOOR
9 20 2	50.95	35.71	28.445	3908.	.004	LOM	0.000	16.25	21.97
9 20 7	50.00	LOM	28.152	10192.	.003	LOM	0.000	16.25	21.58
9 20 12	50.24	LOM	28.104	10130.	.010	LOM	0.000	16.26	21.53
9 20 17	50.48	LOM	28.543	10550.	0.000	LOM	0.000	16.26	21.82
9 20 22	50.24	LOM	28.397	10229.	.004	LOM	0.000	16.25	21.67
9 20 27	50.48	LOM	27.957	10000.	.010	LOM	0.000	16.26	21.58
9 20 32	50.48	LOM	28.055	9954.	.009	LOM	0.000	16.26	21.61
9 20 37	50.48	LOM	28.445	9817.	.003	LOM	0.000	16.25	21.64
9 20 42	50.95	LOM	28.348	9908.	.003	LOM	0.000	16.25	21.70
9 20 47	50.48	LOM	28.250	10092.	0.000	LOM	0.000	16.25	21.70
9 20 52	50.24	LOM	28.104	9862.	0.006	LOM	0.000	16.25	21.67
9 20 57	51.43	LOM	28.152	10000.	.009	LOM	0.000	16.25	21.70
9 21 2	51.19	LOM	28.299	9908.	.003	LOM	0.000	16.25	21.73
9 21 7	50.48	11.25	28.348	9817.	0.000	LOM	0.000	16.25	21.76
9 21 12	50.48	6.34	28.281	9862.	.004	LOM	0.000	16.24	21.73
9 21 17	42.31	2.08	28.152	9908.	0.000	LOM	0.000	16.25	21.64
9 21 22	46.33	2.41	28.104	9817.	0.000	LOM	0.000	16.25	21.67
9 21 27	50.48	2.36	28.445	9908.	0.000	LOM	0.000	16.26	21.70
9 21 32	50.48	2.50	28.495	9862.	0.000	LOM	0.000	16.25	21.70
9 21 37	50.48	2.86	28.445	9725.	0.000	LOM	0.000	16.26	21.64
9 21 42	50.71	2.41	28.445	9817.	0.000	LOM	0.000	16.25	21.67
9 21 47	50.48	2.68	28.055	9817.	0.000	LOM	0.000	16.26	21.70
9 21 52	50.71	2.86	28.201	9771.	0.000	LOM	0.000	16.25	21.70
9 21 57	50.48	2.32	28.348	9862.	0.000	LOM	0.000	16.25	21.76
9 22 2	50.48	1.88	28.250	9862.	0.000	LOM	0.000	16.25	21.73
9 22 7	50.95	LOM	27.957	9817.	0.000	LOM	0.000	16.25	21.76
9 22 12	49.51	LOM	28.201	9817.	0.000	LOM	0.000	16.24	21.73
9 22 17	50.48	LOM	28.152	9633.	.003	LOM	0.000	16.25	21.76
9 22 22	50.48	*0000.00	28.201	9725.	.004	LOM	0.000	16.25	21.70
9 22 27	50.95	LOM	27.853	9817.	0.000	LOM	0.000	16.25	21.76
9 22 32	50.95	LOM	28.152	9771.	0.000	LOM	0.000	16.25	21.82
9 22 37	50.48	LOM	28.250	9817.	0.000	LOM	0.000	16.25	21.64
9 22 42	51.13	*0000.00	28.201	9771.	.004	LOM	0.000	16.25	21.67
9 22 47	50.48	LOM	28.348	9725.	.010	LOM	0.000	16.25	21.70
9 22 52	50.71	LOM	28.348	8991.	.003	LOM	0.000	16.25	21.70
9 22 57	50.95	LOM	28.250	9633.	.003	LOM	0.000	16.25	21.70
9 23 2	50.48	LOM	28.152	9679.	.004	LOM	0.000	16.25	21.73
9 23 7	50.48	49.11	28.250	9633.	0.000	LOM	0.000	16.25	21.76
9 23 12	50.48	38.30	28.152	9725.	.004	LOM	0.000	16.26	21.73
9 23 17	50.48	45.36	28.152	9725.	0.000	LOM	0.000	16.26	21.64
9 23 22	50.24	24.02	28.250	9817.	0.000	LOM	0.000	16.26	21.61
9 23 27	50.00	99.46	28.055	9817.	0.000	LOM	0.000	16.25	21.70
9 23 32	51.13	93.73	28.104	9725.	0.000	LOM	0.000	16.25	21.58
9 23 37	50.00	100.00	28.250	9633.	.000	LOM	0.000	16.24	21.70
9 23 42	50.00	100.00	28.397	9633.	0.000	LOM	0.000	16.25	21.70
9 23 47	50.48	100.00	28.348	9633.	0.000	LOM	0.000	16.25	21.64
9 23 52	50.24	91.36	28.445	9633.	.006	LOM	0.000	16.25	21.70
9 23 57	50.00	3.04	28.348	9633.	0.000	LOM	0.000	16.25	21.70
9 24 3	50.24	2.59	28.299	9633.	0.000	LOM	0.000	16.25	21.70

TIME
H/M/S

02

EC 03 TEMP RAM AR	EC 22 TEMP CONTROL	EC 02 POSITN PRIMRY RAM EXIT OOR =	AF TOTAL FUEL QNTY	PR 05 NOZZLE L/MENG	PR 06 POSITN THRTL L/MENG	FC 01 POSITN FLAP	FC 02 POSITN WING SWEEP	FC 03 POSITN SPEED BRAKE JUGR
50.00	1.43	28.343	9533.	0.000	LO4	0.000	16.27	21.70
51.19	11.34	28.293	9533.	0.000	LO4	0.000	16.26	21.67
51.43	12.14	28.348	9541.	0.000	LO4	0.000	16.24	21.70
50.71	10.00	28.445	9533.	0.000	LO4	0.000	16.25	21.67
50.44	3.39	28.152	9450.	0.000	LO4	0.000	16.25	21.64
50.24	2.08	28.152	9450.	0.000	LO4	15.851	16.25	21.64
50.48	3.21	28.445	9450.	0.000	LO4	33.254	16.25	21.19
50.48	2.86	28.201	9495.	0.000	LO4	33.332	16.25	21.58
50.48	2.32	28.250	9358.	0.000	LO4	30.061	16.25	21.58
50.48	2.41	28.105	9404.	0.000	LO4	26.556	16.25	21.61
50.95	3.39	28.152	9266.	0.000	LO4	19.547	16.25	21.70
50.48	2.86	28.055	9450.	0.000	LO4	16.471	16.25	21.70
50.48	3.57	28.348	9358.	0.000	LO4	8.093	16.22	21.70
51.24	3.04	28.348	9358.	0.000	LO4	5.602	16.24	21.70
49.52	4.11	27.957	9266.	0.000	LO4	20.388	16.26	21.78
50.47	4.20	28.152	9266.	0.000	LO4	15.430	16.26	21.70
51.91	3.57	28.250	9450.	0.000	LO4	1.747	16.24	21.64
50.44	3.75	28.250	9404.	0.000	LO4	.873	16.23	21.56
50.48	3.04	28.348	9266.	0.000	LO4	.728	16.26	21.70
50.48	3.48	28.250	9266.	0.000	LO4	.877	16.26	21.70
50.95	2.32	28.055	9266.	0.000	LO4	13.506	16.26	21.58
50.24	2.86	28.104	9312.	0.000	LO4	11.194	16.25	21.61
50.00	3.77	28.348	9266.	0.000	LO4	7.710	16.25	21.70
50.24	3.84	28.348	9358.	0.000	LO4	10.214	16.26	21.67
50.48	4.11	28.348	9266.	0.000	LO4	18.457	16.26	21.64
50.24	3.13	28.348	9266.	0.000	LO4	21.163	16.26	21.64
50.48	2.14	28.348	9450.	0.000	LO4	29.350	16.26	21.99
50.00	2.23	28.293	9358.	0.000	LO4	31.813	16.25	21.32
50.00	3.04	28.052	9266.	0.000	LO4	34.344	16.26	21.76
49.76	3.30	28.348	9266.	0.000	LO4	30.622	16.27	21.76
50.48	2.32	28.348	9174.	0.000	LO4	.156	16.19	21.64
50.48	2.32	28.293	9220.	0.000	LO4	.074	16.22	21.67
49.52	4.29	28.055	9266.	0.000	LO4	0.000	16.25	21.64
50.00	3.84	28.104	9220.	0.000	LO4	0.000	16.25	21.61
50.00	3.57	28.055	9266.	0.000	LO4	0.000	22.95	21.64
50.24	4.02	28.055	9174.	0.000	LO4	0.000	31.96	21.64
50.00	1.96	28.152	9358.	0.000	LO4	0.000	60.00	21.82
49.76	1.79	28.293	9220.	0.000	LO4	0.000	65.54	21.76
50.00	3.21	28.348	9266.	0.000	LO4	0.000	70.83	21.70
50.24	3.04	28.348	9129.	0.000	LO4	0.000	70.83	21.76
50.48	3.75	28.152	8991.	0.000	LO4	0.000	70.66	21.70
50.48	3.21	28.152	9037.	0.000	LO4	0.000	71.09	21.70
50.00	2.14	28.250	9266.	.015	LO4	0.000	70.74	21.64
50.24	2.86	28.293	9174.	.039	LO4	0.000	70.61	21.76
50.00	3.21	28.055	9083.	0.000	LO4	0.000	70.56	21.64
50.00	3.66	28.152	8899.	0.000	LO4	0.000	70.74	21.64
50.24	4.43	28.348	9083.	.015	LO4	0.000	70.83	21.64
50.24	1.79	28.293	9083.	.039	LO4	0.000	70.70	21.61
49.52	2.08	28.055	8991.	.039	LO4	0.000	70.83	21.70

TIME H/M/S	EC 03 TEMP RAM AR	EC 22 POSITN TEMP CONTROL	EC 02 POSITN PRIMRY RAM EXIT DJOR =	AF TOTAL FUEL UNTY	PR 05 POSITN NOZZLE L/HENG	PR 06 POSITN THRSTL L/HENG	F2 01 POSITN F-AP	FC 02 POSITN WING SNEEP	FC 03 POSITN SPEED BRAKE DJOR
9 32 2	49.76	3.13	28.201	9837.	0.000	LOM	0.000	78.74	21.67
9 32 7	50.00	3.93	28.152	8716.	0.000	LOM	0.000	70.66	21.70
9 32 12	50.24	3.04	28.155	8853.	0.000	LOM	0.000	70.83	21.64
9 32 17	50.95	3.75	28.348	8991.	0.000	LOM	0.000	71.00	21.64
9 32 22	50.71	3.84	28.250	8716.	0.000	LOM	0.000	70.87	21.67
9 32 28	50.40	3.21	27.664	9083.	0.000	LOM	0.000	71.17	21.70
9 32 33	50.40	3.21	28.055	9174.	0.000	LOM	0.000	71.04	21.67
9 32 38	49.52	1.43	28.201	9083.	0.000	LOM	0.000	70.91	21.70
9 32 43	49.76	2.41	28.152	8899.	0.000	LOM	0.000	70.66	21.70
9 32 48	50.40	3.04	28.104	8899.	0.000	LOM	0.000	71.00	21.58
9 32 53	50.40	3.57	28.250	9083.	0.000	LOM	0.000	70.91	21.70
9 32 58	52.38	3.30	27.957	8991.	0.000	LOM	0.000	70.96	21.61
9 33 3	51.43	3.75	28.055	8899.	0.000	LOM	0.000	70.66	21.76
9 33 8	50.40	2.50	28.152	8887.	0.000	LOM	0.000	70.91	21.73
9 33 13	50.71	1.61	28.032	8899.	0.000	LOM	0.000	70.83	21.76
9 33 18	50.00	2.77	28.788	8853.	0.000	LOM	0.000	70.70	21.70
9 33 23	50.08	2.14	27.957	8991.	0.000	LOM	0.000	70.83	21.64
9 33 28	50.40	2.23	28.152	8887.	0.000	LOM	0.000	71.84	21.64
9 33 33	50.71	2.86	28.055	8716.	0.000	LOM	0.000	71.26	21.58
9 33 38	50.95	2.86	28.152	8991.	0.000	LOM	0.000	71.13	21.64
9 33 43	50.95	1.43	28.348	8887.	0.000	LOM	0.000	71.26	21.67
9 33 48	50.40	2.41	28.299	8887.	0.000	LOM	0.000	71.09	21.61
9 33 53	50.71	1.96	28.449	8257.	0.000	LOM	0.000	71.00	21.70
9 33 58	50.08	2.32	27.957	8574.	0.000	LOM	0.000	70.91	21.64
9 34 3	50.00	3.75	28.250	8899.	0.000	LOM	0.000	70.91	21.67
9 34 8	50.00	2.77	28.201	8899.	0.000	LOM	0.000	71.09	21.70
9 34 13	50.00	1.25	28.152	8824.	0.000	LOM	0.000	70.96	21.70
9 34 18	50.95	1.52	28.397	8716.	0.000	LOM	0.000	70.91	21.64
9 34 23	50.71	3.21	28.055	8716.	0.000	LOM	0.000	70.83	21.67
9 34 28	50.40	3.04	28.005	8761.	0.000	LOM	0.000	70.91	21.70
9 34 33	50.40	2.32	28.152	8716.	0.000	LOM	0.000	70.87	21.67
9 34 38	50.95	2.23	28.250	8761.	0.000	LOM	0.000	70.22	21.70
9 34 43	50.71	3.04	28.250	8624.	0.000	LOM	0.000	70.35	21.76
9 34 48	50.40	2.95	27.957	8678.	0.000	LOM	0.000	71.17	21.70
9 34 53	50.71	3.21	27.664	8716.	0.000	LOM	0.000	71.13	21.58
9 34 58	50.40	2.95	28.005	8624.	0.000	LOM	0.000	71.89	21.70
9 35 4	50.24	3.21	28.250	8716.	0.000	LOM	0.000	71.17	21.64
9 35 9	50.40	3.21	28.250	8624.	0.000	LOM	0.000	71.17	21.64
9 35 14	50.24	2.86	28.250	8542.	0.000	LOM	0.000	71.35	21.76
9 35 19	51.43	3.57	28.397	8542.	0.000	LOM	0.000	63.54	21.73
9 35 24	51.43	3.44	28.055	8624.	0.000	LOM	0.000	56.35	21.64
9 35 29	50.00	2.14	28.152	8678.	0.000	LOM	0.000	35.71	21.70
9 35 34	50.24	1.40	28.152	8542.	0.000	LOM	0.000	29.21	21.67
9 35 39	50.00	2.14	28.250	8678.	0.000	LOM	0.000	18.27	21.64
9 35 44	50.24	2.14	28.104	8678.	0.000	LOM	0.000	18.26	21.70
9 35 49	50.40	3.21	28.104	8542.	0.000	LOM	0.000		
9 35 54	50.24	3.75	28.152	8716.	0.000	LOM	0.000		
9 35 59	50.40	3.04	28.201	8678.	0.000	LOM	0.000		
9 36 4	53.28	3.04			0.000	LOM	0.000		

02

TIME
MM/SS

02

EC 03
TEMP
RAM AREC 22
POSITN
TEMP
CONTROLEC 62
POSITN
PRIMRY
RAM
EXIT
DOOR FAF
TOTAL
FUEL
UNTYPR 05
POSITN
MUZZLE
L/HENSPR 00
POSITN
THRJT
L/HENSFC 01
POSITN
FLAPFC 02
POSITN
WING
SHEEPFC 03
POSITN
SPEED
BRAKE
DOOR

9 36 9	50.46	2.14	27.957	6532.	0.000	LOM	0.000	16.27	21.70
9 36 14	50.24	2.14	28.006	6716.	0.000	LOM	0.000	16.27	21.70
9 36 19	50.00	3.93	28.152	6716.	0.000	LOM	0.000	16.25	21.70
9 36 24	50.46	3.75	28.250	6670.	0.000	LOM	0.000	16.25	21.64
9 36 29	50.00	2.50	28.446	6716.	0.000	LOM	0.000	16.26	21.70
9 36 34	49.76	2.59	28.299	6716.	0.000	LOM	0.000	16.26	21.73
9 36 39	49.52	1.96	27.957	6807.	0.000	LOM	0.000	16.26	21.64
9 36 44	50.00	2.41	28.152	6716.	0.000	LOM	0.000	16.26	21.61
9 36 49	50.95	1.96	28.152	6807.	0.000	LOM	0.000	16.26	20.52
9 37 4	50.00	1.96	28.152	6807.	0.000	LOM	0.000	16.26	21.14
9 37 9	49.52	2.14	28.346	6624.	0.000	LOM	0.000	16.25	21.76
9 37 14	49.52	2.32	28.152	6670.	0.000	LOM	0.000	16.25	21.73
9 37 19	46.15	3.75	28.152	6624.	0.000	LOM	0.000	16.26	21.70
9 37 24	48.08	3.43	28.250	6578.	0.000	LOM	0.000	16.25	21.67
9 37 29	50.00	3.39	28.250	6532.	0.000	LOM	0.000	16.25	21.64
9 37 34	49.52	2.68	28.055	6624.	0.000	LOM	0.000	16.25	21.64
9 37 39	49.52	2.68	28.055	6716.	0.000	LOM	0.000	16.26	21.70
9 37 44	49.52	2.68	27.859	6670.	0.000	LOM	0.000	16.26	21.47
9 37 49	50.00	3.93	28.543	6532.	0.000	LOM	0.000	16.26	21.56
9 37 54	49.76	4.11	28.201	6578.	0.000	LOM	0.000	16.26	21.56
9 37 59	50.46	4.29	28.055	6532.	0.000	LOM	0.000	16.26	21.56
9 38 4	50.00	3.39	28.201	6716.	0.000	LOM	0.000	16.26	21.56
9 38 9	49.52	4.64	28.055	6716.	0.000	LOM	0.000	16.26	21.56
9 38 14	49.52	4.64	28.055	6716.	0.000	LOM	0.000	16.26	21.56
9 38 19	50.46	4.64	28.055	6716.	0.000	LOM	0.000	16.26	21.56
9 38 24	50.46	3.13	28.293	6670.	0.000	LOM	0.000	16.26	21.56
9 38 29	50.00	4.29	28.152	6716.	0.000	LOM	0.000	16.26	21.56
9 38 34	50.00	4.29	28.055	6678.	0.000	LOM	0.000	16.26	21.56
9 38 39	49.52	1.96	28.152	6716.	0.000	LOM	0.000	16.26	21.56
9 38 44	49.52	2.41	28.250	6670.	0.000	LOM	0.000	16.26	21.56
9 38 49	50.00	2.68	28.346	6624.	0.000	LOM	0.000	16.26	21.56
9 38 54	50.00	2.41	28.201	6578.	0.000	LOM	0.000	16.26	21.56
9 38 59	50.00	4.29	28.250	6624.	0.000	LOM	0.000	16.26	21.56
9 39 4	49.76	3.30	28.250	6670.	0.000	LOM	0.000	16.26	21.56
9 39 9	48.08	3.75	28.152	6716.	0.000	LOM	0.000	16.26	21.56
9 39 14	50.46	3.30	28.055	6670.	0.000	LOM	0.000	16.26	21.56
9 39 19	50.00	4.11	28.346	6624.	0.000	LOM	0.000	16.26	21.56
9 39 24	50.00	3.39	28.201	6624.	0.000	LOM	0.000	16.26	21.56
9 39 29	49.52	3.21	28.055	6807.	0.000	LOM	0.000	16.26	21.56
9 39 34	49.76	3.66	27.908	6716.	0.000	LOM	0.000	16.26	21.56
9 39 39	48.08	2.14	28.346	6440.	0.000	LOM	0.000	16.26	21.56
9 39 44	49.52	2.32	28.250	6440.	0.000	LOM	0.000	16.26	21.56
9 39 49	50.00	2.32	28.250	6440.	0.000	LOM	0.000	16.26	21.56
9 40 4	49.76	3.00	28.055	6716.	0.000	LOM	0.000	16.26	21.56
9 40 9	49.52	3.00	28.250	6349.	0.000	LOM	0.000	16.26	21.56
9 40 14	49.52	3.00	28.152	6303.	0.000	LOM	0.000	16.26	21.56
9 40 19	49.52	3.00	28.152	6303.	0.000	LOM	0.000	16.26	21.56
9 40 24	49.52	3.00	28.152	6303.	0.000	LOM	0.000	16.26	21.56
9 40 29	49.52	3.00	28.152	6303.	0.000	LOM	0.000	16.26	21.56
9 40 34	49.52	3.00	28.152	6303.	0.000	LOM	0.000	16.26	21.56
9 40 39	49.52	3.00	28.152	6303.	0.000	LOM	0.000	16.26	21.56
9 40 44	49.52	3.00	28.152	6303.	0.000	LOM	0.000	16.26	21.56
9 40 49	49.52	3.00	28.152	6303.	0.000	LOM	0.000	16.26	21.56
9 40 54	49.52	3.00	28.152	6303.	0.000	LOM	0.000	16.26	21.56
9 40 59	49.52	3.00	28.152	6303.	0.000	LOM	0.000	16.26	21.56
9 41 4	49.52	3.00	28.152	6303.	0.000	LOM	0.000	16.26	21.56
9 41 9	49.52	3.00	28.152	6303.	0.000	LOM	0.000	16.26	21.56
9 41 14	49.52	3.00	28.152	6303.	0.000	LOM	0.000	16.26	21.56
9 41 19	49.52	3.00	28.152	6303.	0.000	LOM	0.000	16.26	21.56
9 41 24	49.52	3.00	28.152	6303.	0.000	LOM	0.000	16.26	21.56
9 41 29	49.52	3.00	28.152	6303.	0.000	LOM	0.000	16.26	21.56
9 41 34	49.52	3.00	28.152	6303.	0.000	LOM	0.000	16.26	21.56
9 41 39	49.52	3.00	28.152	6303.	0.000	LOM	0.000	16.26	21.56
9 41 44	49.52	3.00	28.152	6303.	0.000	LOM	0.000	16.26	21.56
9 41 49	49.52	3.00	28.152	6303.	0.000	LOM	0.000	16.26	21.56
9 41 54	49.52	3.00	28.152	6303.	0.000	LOM	0.000	16.26	21.56
9 41 59	49.52	3.00	28.152	6303.	0.000	LOM	0.000	16.26	21.56
9 42 4	49.52	3.00	28.152	6303.	0.000	LOM	0.000	16.26	21.56
9 42 9	49.52	3.00	28.152	6303.	0.000	LOM	0.000	16.26	21.56
9 42 14	49.52	3.00	28.152	6303.	0.000	LOM	0.000	16.26	21.56
9 42 19	49.52	3.00	28.152	6303.	0.000	LOM	0.000	16.26	21.56
9 42 24	49.52	3.00	28.152	6303.	0.000	LOM	0.000	16.26	21.56
9 42 29	49.52	3.00	28.152	6303.	0.000	LOM	0.000	16.26	21.56
9 42 34	49.52	3.00	28.152	6303.	0.000	LOM	0.000	16.26	21.56
9 42 39	49.52	3.00	28.152	6303.	0.000	LOM	0.000	16.26	21.56
9 42 44	49.52	3.00	28.152	6303.	0.000	LOM	0.000	16.26	21.56
9 42 49	49.52	3.00	28.152	6303.	0.000	LOM	0.000	16.26	21.56
9 42 54	49.52	3.00	28.152	6303.	0.000	LOM	0.000	16.26	21.56
9 42 59	49.52	3.00	28.152	6303.	0.000	LOM	0.000	16.26	21.56
9 43 4	49.52	3.00	28.152	6303.	0.000	LOM	0.000	16.26	21.56
9 43 9	49.52	3.00	28.152	6303.	0.000	LOM	0.000	16.26	21.56
9 43 14	49.52	3.00	28.152	6303.	0.000	LOM	0.000	16.26	21.56
9 43 19	49.52	3.00	28.152	6303.	0.000	LOM	0.000	16.26	21.56
9 43 24	49.52	3.00	28.152	6303.	0.000	LOM	0.000	16.26	21.56
9 43 29	49.52	3.00	28.152	6303.	0.000	LOM	0.000	16.26	21.56
9 43 34	49.52	3.00	28.152	6303.	0.000	LOM	0.000	16.26	21.56
9 43 39	49.52	3.00	28.152	6303.	0.000	LOM	0.000	16.26	21.56
9 43 44	49.52	3.00	28.152	6303.	0.000	LOM	0.000	16.26	21.56
9 43 49	49.52	3.00	28.152	6303.	0.000	LOM	0.000	16.26	21.56
9 43 54	49.52	3.00	28.152	6303.	0.000	LOM	0.000	16.26	21.56
9 43 59	49.52	3.00	28.152	6303.	0.000	LOM	0.000	16.26	21.56
9 44 4	49.52	3.00	28.152	6303.	0.000	LOM	0.000	16.26	21.56
9 44 9	49.52	3.00	28.152	6303.	0.000	LOM	0.000	16.26	21.56
9 44 14	49.52	3.00	28.152	6303.	0.000	LOM	0.000	16.26	21.56
9 44 19	49.52	3.00	28.152	6303.	0.000	LOM	0.000	16.26	21.56
9 44 24	49.52	3.00	28.152	6303.	0.000	LOM	0.000	16.26	21.56
9 44 29	49.52	3.00	28.152	6303.	0.000	LOM	0.000	16.26	21.56
9 44 34	49.52	3.00	28.152	6303.	0.000	LOM	0.000	16.26	21.56
9 44 39	49.52	3.00	28.152	6303.	0.000	LOM	0.000	16.26	21.56
9 44 44	49.52	3.00	28.152	6303.	0.000	LOM	0.000	16.26	21.56
9 44 49	49.52	3.00	28.152	6303.	0.000	LOM	0.000	16.26	21.56
9 44 54	49.52	3.00	28.152	6303.	0.000	LOM	0.000	16.26	21.56
9 44 59	49.52	3.00	28.152	6303.	0.000	LOM	0.000	16.26	21.56
9 45 4	49.52	3.00	28.152	6303.	0.000	LOM	0.000	16.26	21.56
9 45 9	49.52	3.00	28.152	6303.	0.000	LOM	0.000	16.26	21.56
9 45 14	49.52	3.00	28.152	6303.	0.000	LOM	0.000	16.26	21.56
9 45 19	49.52	3.00	28.152	6303.	0.000	LOM	0.000	16.26	21.56
9 45 24	49.52	3.00	28.152	6303.	0.000	LOM	0.000	16.26	21.56
9 45 29	49.52	3.00	28.152	6303.	0.000	LOM	0.000	16.26	21.56
9 45 34	49.52	3.00	28.152	6303.	0.000	LOM	0.000	16.26	21.56
9 45 39	49.52	3.00	28.152	6303.	0.000	LOM	0.000	16.26	21.56
9 45 44	49.52	3.00	28.152	6303.	0.000	LOM	0.000	16.26	21.56
9 45 49	49.52	3.00	28.152	6303.	0.000	LOM	0.000	16.26	21.56
9 45 54	49.52	3.00	28.152	6303.	0.000	LOM	0.000	16.26	21.56
9 45 59	49.52	3.00	28.152	6303.	0.000	LOM	0.000	16.26	21.56
9 46 4	49.52	3.00	28.152	6303.	0.000	LOM	0.000	16.26	21.56
9 46 9	49.52	3.00	28.152	6303.	0.000	LOM	0.000		

TIME M/N/S	EC 03 TEMP RAM AR	EC 22 POSITN TEMP CONTROL	EC 62 POSITN P-IMRY NAM EXIT DOOR F	AF TOTAL FUEL UNTY	PR 05 NOZZLE L/HENS	PR 06 POSITN IMRQIL L/HENS	FC 01 POSITN F-AP	FC 02 POSITN RING SWEET	FC 03 POSITN SPEED BRAKE OJUR
18 0 42	48.32	1.70	28.085	8165.	0.000	LOW	0.000	16.28	21.56
18 0 47	48.56	0.11	28.055	8165.	0.000	LOW	0.000	16.25	21.64
18 0 52	49.04	02.05	28.201	8165.	0.000	LOW	0.000	16.26	21.70
18 0 57	48.56	100.00	27.781	7982.	0.000	LOW	0.000	16.26	21.70
18 1 2	49.52	100.00	27.957	8073.	0.000	LOW	0.000	16.26	21.73
18 1 7	49.52	99.11	21.035	8257.	0.000	LOW	0.000	16.26	21.76
18 1 12	49.52	99.55	28.281	8165.	0.000	LOW	0.000	16.26	21.70
18 1 17	48.56	99.29	28.055	8257.	0.000	LOW	0.000	16.26	21.64
18 1 22	48.32	99.55	27.957	8165.	0.000	LOW	0.000	16.26	21.61
18 1 32	49.52	100.00	27.761	7982.	0.000	LOW	0.000	16.26	21.70
18 1 37	49.04	100.00	28.055	8028.	0.000	LOW	0.000	16.26	21.67
18 1 42	48.56	100.00	28.250	8165.	0.000	LOW	0.000	16.25	21.70
18 1 47	49.04	88.75	28.152	8211.	0.000	LOW	0.000	16.25	21.58
18 1 52	48.56	38.21	28.152	8257.	0.000	LOW	0.000	16.25	21.70
18 1 57	49.04	38.30	28.281	8165.	0.000	LOW	0.000	16.43	21.67
18 2 2	49.28	37.86	28.055	7523.	0.000	LOW	0.000	16.26	21.64
18 2 7	48.08	38.84	27.909	7798.	0.000	LOW	0.000	16.26	21.67
18 2 13	47.04	38.04	28.055	8073.	0.000	LOW	0.000	16.27	21.64
18 2 18	48.08	37.77	28.152	8165.	0.000	LOW	0.000	16.27	21.61
18 2 23	48.08	38.04	28.055	8165.	0.000	LOW	0.000	16.27	21.47
18 2 28	47.12	39.29	27.957	7982.	0.000	LOW	0.000	16.25	21.58
18 2 33	46.53	39.64	28.154	7982.	0.000	LOW	0.000	16.25	21.64
18 2 38	48.56	37.32	28.152	8073.	0.000	LOW	0.000	16.26	21.58
18 2 43	49.04	38.21	28.055	8073.	0.000	LOW	0.000	16.40	21.67
18 2 48	50.00	39.02	27.61	7982.	0.000	LOW	0.000	16.26	21.70
18 2 53	49.52	38.73	27.908	7982.	0.000	LOW	0.000	16.25	21.67
18 2 58	48.56	39.04	27.957	7982.	0.000	LOW	0.000	16.26	21.70
18 3 3	48.56	39.04	28.008	7844.	0.000	LOW	0.000	16.26	21.67
18 3 8	48.56	40.00	27.761	7982.	0.000	LOW	0.000	16.26	21.67
18 3 13	48.32	38.04	28.055	7982.	0.000	LOW	0.000	16.26	21.76
18 3 18	48.56	39.29	27.957	7982.	0.000	LOW	0.000	16.26	21.73
18 3 23	49.04	39.38	28.152	8073.	0.000	LOW	0.000	16.26	21.58
18 3 28	48.56	39.29	27.957	8073.	0.000	LOW	0.000	16.26	21.61
18 3 33	48.00	39.02	28.184	8028.	0.000	LOW	0.000	16.26	21.61
18 3 38	48.56	37.08	27.957	7982.	0.000	LOW	0.000	16.26	21.76
18 3 43	47.04	37.41	28.104	8028.	0.000	LOW	0.000	16.26	21.67
18 3 48	49.04	39.02	28.055	8165.	0.000	LOW	0.000	16.62	21.70
18 3 53	48.08	39.11	28.293	7935.	0.000	LOW	0.000	15.44	21.73
18 3 58	47.00	37.66	27.701	7706.	0.000	LOW	0.000	16.25	21.70
18 4 8	47.00	37.14	27.908	7661.	0.000	LOW	0.000	16.25	21.73
18 4 8	47.60	36.74	28.055	7798.	0.000	LOW	0.000	16.27	21.76

TIME H/M/S	03	01	23	92	33	04	05	07	08	09	11	12	13
	PS PRESS ALT	EC PRESS CABIN ALT	EC TEMP AIR JPSIR BLEED AIR RES	EC DIFF L/H ELECT BAY	EC PRESS DIFF R/H ELECT BAY	EC TEMP AIR PILOTS HEAD LEVEL	EC TEMP AIR PILOTS HEAD LEVEL	EC TEMP AIR PILOTS HEAD LEVEL	EC TEMP AIR CO-PLY HEAD LEVEL	EC TEMP AIR PILOTS FOOT LEVEL	EC TEMP AIR PILOTS HEAD LEVEL	EC TEMP AIR OUTLET DE-FOG R/H CABIN	EC TEMP AIR OUTLET DE-FOG R/H CABIN
0 57 9	844.	.06	120.	15.33	-.02	123.	123.	123.	129.	123.	124.	130.	131.
0 57 14	622.	.05	124.	15.00	-.03	123.	123.	123.	129.	124.	124.	127.	130.
0 57 19	1200.	.09	114.	15.00	0.00	124.	126.	126.	129.	123.	124.	114.	128.
0 57 24	1378.	.09	112.	15.00	-.01	124.	123.	123.	127.	119.	124.	121.	129.
0 57 29	1200.	.04	125.	15.00	-.00	122.	124.	124.	128.	123.	124.	132.	130.
0 57 42	1156.	.01	120.	15.00	-.00	122.	123.	123.	120.	123.	120.	130.	130.
0 57 39	756.	.01	124.	15.00	0.00	116.	124.	124.	127.	123.	123.	129.	131.
0 57 49	933.	.01	124.	15.00	.02	119.	124.	124.	127.	124.	124.	120.	131.
0 57 54	756.	.06	124.	15.00	-.04	123.	125.	125.	129.	118.	124.	125.	116.
0 57 59	809.	.14	125.	15.00	-.02	123.	125.	125.	129.	120.	124.	124.	122.
0 58 4	1644.	.03	128.	15.00	-.04	127.	129.	129.	126.	124.	125.	121.	126.
0 58 9	1156.	.00	127.	15.00	-.01	120.	120.	120.	126.	122.	124.	123.	127.
0 58 14	1200.	.05	121.	15.00	-.02	125.	123.	123.	123.	125.	123.	128.	130.
0 58 19	756.	.04	119.	15.00	.01	121.	123.	123.	125.	124.	125.	129.	132.
0 58 24	809.	.00	120.	15.00	.01	122.	122.	122.	126.	124.	124.	129.	131.
0 58 29	1733.	.00	120.	15.00	-.04	123.	125.	125.	121.	126.	125.	127.	129.
0 58 34	1333.	.01	124.	15.00	-.03	124.	125.	125.	124.	125.	125.	127.	130.
0 58 40	333.	.03	117.	15.00	-.02	125.	128.	128.	129.	123.	125.	124.	127.
0 58 45	1244.	.04	125.	15.00	.00	124.	128.	128.	130.	123.	125.	122.	127.
0 58 50	844.	.15	127.	15.00	.01	124.	127.	127.	129.	123.	123.	121.	128.
0 58 55	667.	.07	127.	15.00	.01	124.	125.	125.	127.	123.	124.	121.	120.
0 59 0	1111.	.12	111.	15.00	-.02	124.	116.	116.	128.	123.	124.	125.	128.
0 59 5	933.	-.05	121.	15.00	.02	123.	122.	122.	129.	123.	121.	123.	127.
0 59 10	1111.	.03	119.	15.00	-.00	123.	126.	126.	129.	123.	125.	121.	116.
0 59 15	1156.	.14	120.	15.00	.05	125.	127.	127.	128.	123.	125.	122.	120.
0 59 20	1200.	-.01	117.	15.00	-.03	121.	128.	128.	124.	124.	125.	123.	126.
9 10 10	1200.	.12	147.	15.00	-.03	122.	128.	128.	125.	124.	125.	122.	126.
9 10 23	1111.	.35	193.	15.00	.00	125.	127.	127.	127.	123.	124.	121.	128.
9 10 20	1156.	.27	195.	15.00	.00	124.	126.	126.	127.	123.	124.	121.	127.
9 10 33	1022.	.31	193.	15.00	-.01	124.	127.	127.	128.	123.	124.	123.	128.
9 10 30	1067.	.34	200.	15.00	-.01	122.	125.	125.	128.	122.	124.	119.	130.
9 10 43	667.	.25	219.	15.00	.02	123.	124.	124.	129.	122.	124.	126.	132.
9 10 53	533.	.24	218.	15.00	-.01	123.	126.	126.	129.	121.	124.	125.	130.
9 10 50	1378.	.34	221.	15.00	-.01	125.	129.	129.	125.	123.	124.	119.	127.
9 11 3	809.	.29	223.	15.00	-.01	126.	128.	128.	123.	123.	124.	122.	127.
9 11 3	756.	.22	217.	15.00	-.04	123.	125.	125.	123.	125.	122.	127.	130.
9 11 6	667.	.26	237.	15.00	.03	124.	127.	127.	126.	124.	122.	124.	129.
9 11 13	311.	.34	208.	15.00	0.00	125.	128.	128.	116.	123.	123.	123.	127.
9 11 23	711.	.32	204.	15.00	0.00	125.	127.	127.	119.	123.	123.	123.	128.
9 11 20	667.	.44	275.	15.00	.00	124.	123.	123.	122.	124.	124.	125.	126.
9 11 28	622.	.40	205.	15.00	-.01	124.	123.	123.	122.	124.	123.	127.	129.
9 11 33	756.	.37	307.	15.00	-.01	125.	123.	123.	116.	124.	123.	128.	131.
9 11 30	622.	.30	309.	15.00	-.01	124.	124.	124.	119.	124.	123.	128.	131.
9 11 43	406.	.31	316.	15.00	-.01	124.	125.	125.	125.	121.	124.	130.	132.

TIME M/H/S	CS PRESS ALT	EC 1 PRESS CABIN ALT	EC 23 TEMP AIR UPSTR OF BLEED AR RES	EC 42 PRESS DIFF L/H ELECT BAY	EC 43 PRESS DIFF R/H ELECT BAY	EC 4 TEMP AIR PILOTS HEAD LEVEL	EC 5 TEMP AIR PILOTS FOOT LEVEL	EC 7 TEMP AIR PILOTS WAIST LEVEL	EC 8 TEMP AIR CO-PLT HEAD LEVEL	EC 9 TEMP AIR PILOTS FOOT LEVEL	EC 11 TEMP AIR PILOTS WAIST LEVEL	EC 12 TEMP AIR OUTLET JE-FOG R/H CABIN	EC 13 TEMP AIR OUTLET JE-FOG L/H CABIN
9 51 40	556.	.33	320.	15.00	0.00	123.	122.	124.	125.	121.	123.	130.	132.
9 11 53	1111.	.35	334.	15.00	-.04	124.	123.	123.	126.	121.	123.	123.	130.
9 51 58	978.	.32	327.	15.00	-.04	124.	122.	119.	126.	122.	123.	123.	129.
9 12 4	667.	.32	355.	15.00	-.01	127.	121.	120.	123.	125.	124.	121.	126.
9 12 9	711.	.40	364.	15.00	-.30	125.	122.	126.	122.	124.	123.	121.	128.
9 12 14	844.	.50	395.	15.00	-.01	123.	123.	125.	127.	123.	123.	123.	133.
9 12 19	869.	.51	404.	15.00	-.30	125.	124.	127.	126.	123.	123.	123.	129.
9 12 24	400.	.45	446.	15.00	.80	124.	124.	126.	123.	123.	123.	123.	124.
9 12 29	356.	.51	459.	15.00	.81	121.	122.	125.	125.	122.	122.	122.	125.
9 12 34	1200.	.50	473.	15.00	-.01	121.	120.	127.	121.	119.	119.	119.	121.
9 12 39	800.	.43	485.	15.00	-.00	122.	119.	126.	126.	120.	116.	115.	116.
9 12 44	756.	.41	500.	15.00	-.01	123.	121.	126.	122.	120.	117.	117.	118.
9 12 49	667.	.34	498.	15.00	-.32	122.	120.	124.	120.	119.	117.	117.	117.
9 12 54	1111.	.22	506.	15.00	.06	120.	119.	122.	120.	116.	115.	117.	117.
9 12 59	1244.	.27	503.	15.00	.01	120.	118.	116.	120.	117.	116.	120.	117.
9 13 4	667.	.41	513.	15.00	.00	117.	118.	116.	120.	118.	116.	120.	117.
9 13 9	844.	.40	515.	15.00	-.01	116.	116.	117.	122.	117.	113.	116.	117.
9 13 14	311.	.48	532.	15.00	.80	115.	119.	116.	125.	117.	112.	115.	117.
9 13 19	667.	.46	531.	15.00	0.80	115.	118.	116.	123.	117.	112.	114.	115.
9 13 29	133.	.63	525.	15.00	.13	113.	115.	117.	121.	116.	111.	111.	113.
9 13 34	622.	.62	525.	15.00	.09	114.	116.	116.	122.	116.	110.	110.	110.
9 13 39	1289.	.31	510.	15.00	-.04	113.	116.	116.	123.	114.	108.	103.	104.
9 13 39	1067.	.34	501.	15.00	-.02	113.	116.	116.	122.	113.	108.	103.	103.
9 13 44	1022.	.40	477.	15.00	.02	118.	116.	111.	118.	105.	106.	108.	105.
9 13 49	800.	.42	457.	15.00	.32	106.	116.	111.	118.	109.	106.	108.	106.
9 13 59	408.	.35	415.	15.00	-.04	113.	115.	110.	117.	113.	106.	108.	106.
9 14 12	711.	.37	405.	15.00	-.02	107.	114.	109.	116.	113.	106.	108.	109.
9 14 9	756.	.35	334.	15.00	-.02	111.	105.	114.	114.	114.	106.	103.	105.
9 14 9	578.	.38	192.	15.00	-.01	113.	109.	113.	113.	115.	106.	105.	105.
9 14 14	667.	.43	373.	15.00	-.02	110.	110.	111.	115.	114.	106.	105.	105.
9 14 19	1022.	.43	364.	15.00	-.01	111.	112.	110.	115.	113.	106.	105.	107.
9 14 24	756.	.41	345.	15.00	-.01	108.	112.	108.	117.	112.	105.	103.	107.
9 14 29	711.	.36	354.	15.00	-.02	109.	112.	109.	118.	113.	105.	107.	107.
9 14 34	-111.	.21	363.	15.00	-.03	110.	112.	112.	118.	113.	105.	107.	107.
9 14 40	222.	.34	354.	15.00	-.01	111.	113.	113.	120.	112.	105.	103.	104.
9 14 45	1556.	.40	342.	15.00	0.30	110.	113.	114.	119.	112.	105.	102.	102.
9 14 50	1467.	.43	342.	15.00	-.30	108.	113.	113.	118.	113.	106.	100.	102.
9 14 55	756.	.47	355.	15.00	-.02	110.	112.	115.	118.	113.	106.	100.	101.
9 15 0	711.	.43	352.	15.00	-.03	110.	109.	112.	118.	112.	102.	96.	101.
9 15 5	1200.	.43	339.	15.00	-.03	103.	111.	110.	119.	112.	102.	102.	104.
9 15 10	1156.	.41	339.	15.00	-.03	109.	108.	109.	117.	112.	104.	105.	106.
9 15 15	756.	.34	352.	15.00	-.03	112.	112.	110.	117.	111.	104.	105.	106.
9 15 20	756.	.37	353.	15.00	-.02	111.	113.	110.	113.	111.	104.	105.	105.
9 15 25	1022.	.48	358.	15.00	-.00	108.	112.	110.	117.	111.	104.	105.	102.
9 15 30	880.	.41	346.	15.00	-.32	110.	112.	110.	117.	110.	95.	103.	95.
9 15 35	933.	.45	342.	15.00	0.10	111.	112.	112.	116.	111.	100.	102.	96.
9 15 40	489.	.44	340.	15.00	-.32	110.	112.	111.	116.	111.	102.	96.	99.
9 15 45	667.	.41	357.	15.00	.00	110.	110.	111.	116.	111.	102.	96.	100.
9 15 50	933.	.40	349.	15.00	-.32	113.	110.	113.	116.	111.	103.	103.	102.

[illegible]

TIME M/H/S	CS PRESS ALT	EC 1 PRESS CABIN ALT	EC 23 TEMP AIR UPSTR OF BLEED AIR REG	EC 32 PRESS DIFF L/W ELECT BAY	EC 33 PRESS DIFF R/W ELECT BAY	EC 4 TEMP AIR PILOTS HEAD LEVEL	EC 5 TEMP AIR PILOTS FOOT LEVEL	EC 7 TEMP AIR PILOTS MAIST LEVEL	EC 8 TEMP AIR CO-PLY HEAD LEVEL	EC 9 TEMP AIR PILOTS FOOT LEVEL	EC 11 TEMP AIR PILOTS MAIST LEVEL	EC 12 TEMP AIR OUTLET DE-FOG R/W CABIN	EC 13 TEMP AIR OUTLET DE-FOG L/W CABIN
9 24 8	1556.	.53	439.	15.33	0.00	101.	106.	39.	98.	105.	94.	87.	86.
9 24 13	1289.	.48	436.	15.00	-.04	39.	105.	98.	101.	104.	93.	87.	87.
9 24 23	1200.	.53	453.	15.00	-.03	96.	100.	95.	104.	102.	92.	85.	86.
9 24 23	1822.	.33	439.	15.00	-.05	95.	101.	95.	104.	102.	91.	86.	86.
9 28 16	1556.	.44	365.	15.00	-.00	134.	115.	102.	100.	112.	97.	103.	110.
9 28 21	1556.	.42	363.	15.00	-.00	134.	115.	105.	102.	111.	97.	98.	100.
9 28 34	1733.	.44	355.	15.00	-.02	103.	115.	103.	103.	112.	96.	103.	100.
9 28 31	1333.	.40	356.	15.00	-.00	105.	115.	104.	102.	112.	97.	101.	100.
9 28 36	1556.	.31	357.	15.00	-.02	105.	114.	108.	105.	111.	95.	96.	106.
9 28 41	1556.	.30	360.	15.00	-.03	105.	115.	105.	105.	103.	95.	98.	107.
9 28 46	1378.	.34	342.	15.00	-.05	106.	117.	104.	100.	112.	97.	103.	110.
9 28 56	1289.	.37	347.	15.00	-.05	107.	116.	106.	107.	113.	97.	101.	100.
9 29 1	267.	.32	342.	15.00	-.02	106.	116.	108.	107.	112.	97.	95.	106.
9 29 6	267.	.30	342.	15.00	-.02	105.	116.	106.	105.	112.	97.	100.	109.
9 29 11	1822.	.40	349.	15.00	-.02	104.	116.	103.	101.	112.	97.	99.	111.
9 29 16	943.	.37	351.	15.00	-.01	107.	116.	105.	102.	112.	97.	98.	100.
9 29 16	1022.	.40	358.	15.00	-.03	105.	116.	104.	105.	112.	97.	102.	112.
9 29 21	1822.	.43	344.	15.00	-.02	106.	115.	106.	103.	112.	98.	100.	109.
9 29 26	1733.	.35	368.	15.00	-.05	105.	117.	105.	106.	111.	97.	95.	112.
9 29 31	1600.	.39	361.	15.00	-.03	105.	116.	104.	104.	111.	97.	98.	110.
9 29 36	1200.	.35	345.	15.00	-.04	107.	116.	105.	105.	113.	97.	101.	110.
9 29 41	1067.	.37	347.	15.00	-.02	107.	116.	106.	103.	113.	96.	93.	109.
9 29 47	1378.	.31	344.	15.00	-.02	101.	115.	103.	103.	113.	98.	105.	114.
9 29 52	1467.	.31	348.	15.00	-.02	105.	116.	105.	102.	113.	98.	101.	111.
9 29 55	1111.	.41	350.	15.00	-.03	107.	116.	109.	107.	112.	98.	100.	100.
9 30 2	1333.	.37	357.	15.00	-.02	106.	116.	106.	105.	113.	98.	102.	107.
9 30 7	844.	.29	359.	15.00	-.04	108.	117.	109.	103.	112.	98.	100.	108.
9 30 12	1156.	.32	364.	15.00	-.02	108.	117.	107.	105.	114.	97.	105.	112.
9 30 17	1733.	.32	345.	15.00	-.05	106.	117.	104.	102.	113.	98.	102.	112.
9 30 22	1733.	.30	352.	15.00	-.05	106.	117.	106.	105.	113.	98.	105.	112.
9 30 27	1111.	.34	357.	15.00	-.03	105.	117.	106.	100.	113.	98.	105.	112.
9 30 32	1422.	.32	358.	15.00	-.03	100.	115.	105.	103.	112.	98.	105.	113.
9 30 37	1556.	.44	350.	15.00	-.03	106.	116.	108.	105.	113.	98.	105.	109.
9 30 42	1378.	.35	356.	15.00	-.01	106.	116.	106.	105.	113.	98.	103.	112.
9 30 47	756.	.32	356.	15.00	-.02	135.	117.	104.	100.	112.	99.	106.	114.
9 30 52	1867.	.31	363.	15.00	-.04	135.	118.	105.	100.	112.	98.	104.	113.
9 30 57	1200.	.41	344.	15.00	0.00	108.	117.	106.	101.	113.	98.	105.	112.
9 31 2	978.	.34	351.	15.00	-.01	108.	117.	106.	101.	113.	98.	105.	112.
9 31 7	1378.	.38	349.	15.00	.09	108.	116.	110.	106.	112.	97.	105.	110.
9 31 12	1422.	.36	350.	15.00	.02	107.	116.	110.	105.	112.	97.	103.	112.
9 31 17	1111.	.32	354.	15.00	-.03	106.	115.	106.	105.	109.	98.	103.	112.
9 31 22	1022.	.34	353.	15.00	-.05	106.	117.	106.	104.	113.	96.	105.	114.
9 31 27	1467.	.34	350.	15.00	.01	110.	117.	110.	103.	112.	98.	100.	109.
9 31 37	923.	.47	354.	15.00	-.01	109.	117.	107.	103.	112.	98.	103.	110.
9 31 42	1022.	.51	371.	15.00	-.01	109.	116.	106.	103.	112.	98.	103.	110.
9 31 52	1556.	.57	410.	15.00	-.01	106.	116.	108.	105.	113.	98.	105.	113.
9 31 57	1378.	.57	410.	15.00	-.01	105.	106.	103.	103.	110.	98.	104.	112.
9 31 57	1111.	.59	403.	15.00	.01	105.	110.	108.	106.	109.	97.	95.	100.

TIME H/M/S	US PRESS ALT	EC PRESS CABIN ALT	EC 23 TEMP AIR UPSTR OF BLEED AR RES	EC 92 PRESS DIFF L/H ELECT RAY	EC 33 PRESS DIFF ELECT RAY	EC 4 TEMP AIR PILOTS HEAD LEVEL	EC 5 TEMP AIR PILOTS FOOT LEVEL	EC 7 TEMP AIR PILOTS WAIST LEVEL	EC 8 TEMP AIR CU-PLT HEAD LEVEL	EC 9 TEMP AIR PILOTS FOOT LEVEL	EC 11 TEMP AIR CO PILOTS WAIST LEVEL	EC 12 TEMP AIR OUTLET DE-FOG R/H CABIN	EC 13 TEMP AIR OUTLET DE-FOG L/H CABIN
9 32 2	1156.	.51	493.	15.00	.00	135.	110.	108.	105.	109.	96.	95.	99.
9 32 7	1200.	.45	520.	15.00	0.00	105.	108.	108.	103.	109.	96.	96.	96.
9 32 12	1422.	.49	521.	15.00	-0.00	102.	101.	105.	102.	108.	94.	92.	95.
9 32 17	756.	.50	531.	15.00	-0.33	100.	107.	102.	106.	107.	90.	90.	94.
9 32 22	978.	.54	538.	15.00	-0.32	101.	106.	104.	103.	107.	91.	88.	91.
9 32 28	844.	.45	544.	15.00	-0.04	98.	106.	98.	99.	106.	90.	90.	91.
9 32 33	844.	.48	547.	15.00	-0.03	97.	106.	98.	101.	103.	89.	84.	91.
9 32 38	844.	.56	561.	15.00	-0.03	95.	105.	100.	103.	105.	88.	83.	87.
9 32 43	1200.	.52	550.	15.00	-0.03	96.	105.	101.	101.	105.	88.	83.	84.
9 32 48	1200.	.47	546.	15.00	-0.04	95.	103.	98.	95.	105.	85.	83.	83.
9 32 53	1338.	.49	546.	15.00	-0.04	94.	103.	97.	97.	104.	85.	84.	83.
9 32 58	1022.	.62	573.	15.00	.01	92.	101.	95.	102.	102.	85.	75.	76.
9 33 3	1244.	.58	570.	15.00	-0.04	91.	101.	94.	92.	102.	85.	77.	78.
9 33 8	1467.	.47	610.	15.00	-0.34	91.	101.	94.	95.	102.	83.	79.	78.
9 33 13	1289.	.52	622.	15.00	-0.02	91.	101.	94.	96.	100.	83.	71.	73.
9 33 18	933.	.59	651.	15.00	0.30	89.	100.	98.	97.	100.	83.	67.	73.
9 33 23	1333.	.54	654.	15.00	-0.00	89.	100.	98.	97.	100.	83.	67.	73.
9 33 28	1022.	.62	661.	15.00	-0.02	90.	99.	97.	93.	101.	83.	69.	71.
9 33 33	1150.	.53	663.	15.00	-0.02	89.	99.	95.	92.	101.	84.	72.	73.
9 33 38	1200.	.59	679.	15.00	-0.00	88.	99.	92.	90.	101.	80.	75.	74.
9 33 43	1422.	.54	675.	15.00	-0.02	87.	99.	92.	91.	100.	81.	74.	75.
9 33 48	1911.	.45	661.	15.00	-0.03	86.	97.	92.	91.	100.	81.	73.	73.
9 33 53	1511.	.51	669.	15.00	-0.03	84.	98.	92.	92.	99.	80.	68.	74.
9 34 8	1022.	.59	687.	15.00	-0.02	86.	96.	91.	95.	98.	78.	71.	71.
9 34 13	1467.	.56	681.	15.00	-0.02	85.	96.	92.	95.	98.	79.	69.	71.
9 34 18	1022.	.65	692.	15.00	.01	86.	97.	95.	93.	98.	79.	63.	66.
9 34 23	1378.	.55	677.	15.00	0.00	85.	94.	95.	91.	99.	79.	64.	68.
9 34 28	1600.	.56	675.	15.00	-0.01	82.	94.	90.	90.	97.	78.	71.	73.
9 34 33	1022.	.51	680.	15.00	-0.03	82.	94.	92.	91.	97.	78.	68.	70.
9 34 38	1022.	.26	632.	15.00	0.00	84.	90.	94.	88.	98.	78.	63.	67.
9 34 43	1467.	.24	585.	15.00	-0.01	83.	94.	92.	90.	98.	78.	60.	71.
9 34 48	1511.	.34	491.	15.00	-0.04	86.	99.	92.	86.	103.	79.	67.	71.
9 34 53	1733.	.40	439.	15.00	-0.02	84.	102.	84.	88.	103.	79.	69.	73.
9 35 8	1467.	.38	440.	15.00	-0.01	85.	103.	89.	87.	103.	79.	70.	74.
9 35 13	1556.	.38	419.	15.00	-0.03	85.	105.	90.	88.	105.	74.	75.	78.
9 35 18	1644.	.36	400.	15.00	-0.04	83.	104.	90.	88.	105.	77.	76.	78.
9 35 23	1644.	.40	376.	15.00	-0.02	80.	105.	91.	92.	103.	80.	74.	78.
9 35 28	1556.	.43	377.	15.00	-0.01	86.	102.	91.	91.	104.	79.	75.	78.
9 35 33	978.	.35	373.	15.00	-0.03	87.	106.	90.	92.	105.	76.	77.	80.
9 35 38	756.	.32	375.	15.00	-0.03	90.	106.	84.	91.	106.	82.	78.	81.
9 35 43	1156.	.30	359.	15.00	-0.03	90.	108.	88.	91.	105.	82.	77.	81.
9 35 48	1467.	.38	355.	15.00	-0.03	89.	105.	92.	92.	106.	82.	75.	80.
9 35 53	1156.	.34	362.	15.00	-0.03	91.	105.	94.	91.	106.	84.	72.	78.
9 35 58	933.	.21	370.	15.00	-0.03	93.	105.	95.	92.	107.	84.	75.	80.
9 36 3	1200.	.24	364.	15.00	-0.04	92.	106.	95.	83.	108.	84.	74.	83.
9 36 8	1556.	.28	363.	15.00	-0.04	92.	108.	94.	95.	105.	82.	74.	83.
9 36 13	1289.	.32	363.	15.00	-0.04	92.	108.	94.	93.	106.	82.	71.	84.

TIME MM/SS	CS PRESS ALT	EC PRESS CABIN ALT	EC 23 TEMP AIR JPSTR OF BLEED AIR RES	EC 92 PRESS DIFF L/H ELECT BAY	EC 43 PRESS DIFF R/M ELECT BAY	EC 4 TEMP AIR PILOTS HEAD LEVEL	EC 5 TEMP AIR PILOTS FOOT LEVEL	EC 7 TEMP AIR PILOTS WAIST LEVEL	EC 8 TEMP AIR CO-PILOT HEAD LEVEL	EC 9 TEMP AIR PILOTS FOOT LEVEL	EC 11 TEMP AIR PILOTS WAIST LEVEL	EC 12 TEMP AIR OUTLET DE-FOG R/M CABIN	EC 13 TEMP AIR OUTLET DE-FOG L/H CABIN
9 36 9	1289.	.23	364.	15.00	-.03	95.	108.	95.	90.	107.	85.	73.	84.
9 36 14	978.	.27	380.	15.00	-.03	94.	107.	96.	90.	106.	85.	78.	83.
9 36 19	1378.	.28	350.	15.00	-.08	97.	107.	97.	93.	108.	87.	73.	83.
9 36 24	1289.	.28	355.	15.00	-.01	96.	105.	99.	95.	107.	87.	74.	78.
9 36 29	736.	.28	359.	15.00	-.01	95.	105.	98.	96.	106.	85.	76.	85.
9 36 34	889.	.30	360.	15.00	-.04	95.	105.	97.	94.	107.	86.	78.	86.
9 36 44	1556.	.28	349.	15.00	-.04	98.	108.	101.	84.	108.	87.	63.	82.
9 36 49	1556.	.33	353.	15.00	-.05	96.	108.	99.	90.	107.	87.	74.	85.
9 36 54	1644.	.25	349.	15.00	-.01	97.	108.	97.	93.	109.	87.	80.	85.
9 36 59	1800.	.25	356.	15.00	-.02	97.	108.	99.	96.	109.	87.	78.	85.
9 37 4	1200.	.34	369.	15.00	-.03	96.	110.	97.	95.	108.	88.	84.	90.
9 37 9	1200.	.34	368.	15.00	-.02	98.	110.	97.	92.	108.	88.	80.	87.
9 37 9	2079.	.34	375.	15.00	-.04	97.	108.	98.	99.	108.	89.	79.	90.
9 37 14	1884.	.34	359.	15.00	-.03	98.	108.	101.	97.	109.	89.	77.	88.
9 37 19	1111.	.28	349.	15.00	-.03	98.	110.	99.	101.	109.	88.	80.	91.
9 37 24	1111.	.29	351.	15.00	-.03	99.	110.	108.	97.	110.	90.	79.	91.
9 37 29	756.	.35	363.	15.00	-.60	97.	110.	100.	100.	111.	90.	78.	89.
9 37 34	978.	.29	361.	15.00	-.02	98.	110.	102.	97.	111.	90.	78.	88.
9 37 40	1111.	.40	380.	15.00	-.02	98.	110.	99.	98.	111.	91.	86.	95.
9 37 45	1556.	.34	379.	15.00	-.03	98.	111.	102.	99.	110.	91.	83.	92.
9 37 50	576.	.31	390.	15.00	-.01	101.	110.	103.	97.	110.	98.	80.	91.
9 37 55	1156.	.35	393.	15.00	-.08	102.	111.	104.	96.	111.	91.	79.	90.
9 38 0	1822.	.38	349.	15.00	-.03	101.	116.	105.	98.	110.	91.	79.	90.
9 38 5	1778.	.37	397.	15.00	-.01	101.	111.	105.	97.	111.	92.	79.	90.
9 38 10	1556.	.38	400.	15.00	-.05	100.	112.	105.	101.	110.	91.	79.	93.
9 38 15	1556.	.38	400.	15.00	-.04	101.	112.	104.	101.	110.	92.	82.	94.
9 38 20	1733.	.41	403.	15.00	-.01	102.	112.	105.	105.	112.	93.	82.	94.
9 38 25	1378.	.33	403.	15.00	-.02	102.	112.	105.	98.	112.	93.	73.	91.
9 38 30	1733.	.43	400.	15.00	-.04	99.	112.	105.	98.	111.	93.	80.	91.
9 38 35	1778.	.34	406.	15.00	-.04	101.	112.	101.	99.	110.	93.	89.	98.
9 38 40	644.	.28	399.	15.00	-.04	100.	112.	104.	100.	110.	93.	86.	96.
9 38 45	978.	.29	399.	15.00	-.05	97.	112.	104.	98.	110.	95.	87.	98.
9 38 50	1111.	.22	403.	15.00	-.02	101.	113.	105.	103.	110.	95.	87.	97.
9 38 55	1111.	.29	405.	15.00	-.04	102.	113.	104.	100.	112.	93.	84.	96.
9 39 0	1200.	.29	405.	15.00	-.04	102.	109.	107.	100.	112.	94.	87.	98.
9 39 5	1156.	.32	402.	15.00	-.05	103.	109.	106.	96.	112.	95.	82.	95.
9 39 10	1200.	.29	419.	15.00	-.03	101.	113.	106.	95.	112.	92.	83.	97.
9 39 20	1156.	.29	416.	15.00	-.02	101.	111.	106.	103.	111.	94.	85.	95.
9 39 28	1467.	.32	418.	15.00	-.01	101.	114.	108.	100.	112.	95.	87.	97.
9 39 36	30816.	.31	411.	15.00	-.01	104.	115.	108.	103.	111.	98.	84.	97.
9 47 11	60576.	.31	415.	15.00	0.00	104.	115.	108.	106.	112.	96.	94.	105.
9 47 16	50170.	.36	407.	15.00	-.01	108.	117.	110.	108.	114.	101.	101.	101.
9 47 25	1733.	.29	423.	15.00	0.00	107.	116.	106.	109.	114.	101.	102.	112.
9 48 30	1778.	.34	416.	15.00	-.01	106.	116.	106.	105.	116.	101.	111.	117.
9 48 35	2395.	.38	400.	15.00	-.04	108.	116.	106.	106.	116.	101.	111.	118.
10 0 22	1797.	.32	404.	15.00	-.02	111.	117.	106.	106.	115.	101.	114.	118.
10 0 27	1911.	.50	430.	15.00	-.02	111.	115.	111.	116.	115.	103.	114.	121.
10 0 32	1269.	.51	430.	15.00	-.01	113.	114.	110.	114.	115.	103.	110.	117.
10 0 37	1289.	.48	469.	15.00	0.00	112.	111.	108.	109.	114.	101.	111.	116.

TIME	US PRESS ALT	EC 3	EC 1	EC 23	EC 92	EC 33	EC 4	EC 5	EC 7	EC 8	EC 9	EC 11	EC 12	EC 13
M/M/S			PRESS CABIN ALT	TEMP AIR JSTK JF BLEED AIR REG	PRESS JIFF L/M ELECT DAY	PRESS OFF R/M ELECT DAY	TEMP AIR PILOTS HEAD LEVEL	TEMP AIR PILOTS FOOT LEVEL	TEMP AIR PILOTS MAIST LEVEL	TEMP AIR CO-PLT HEAD LEVEL	TEMP AIR CO PILOTS FOOT LEVEL	TEMP AIR CO PILOTS MAIST LEVEL	TEMP AIR OUTLET DE-FOG R/M	TEMP AIR OUTLET DE-FOG L/M CABIN
10 3 42	1156		41	477	15.00	0.00	112	109	107	108	113	108	110	114
10 0 47	848		50	483	15.00	.01	112	105	109	109	112	99	106	107
10 0 52	976		53	491	15.00	.00	109	107	108	108	112	98	106	107
10 0 57	1200		57	515	15.00	.00	109	107	106	107	111	103	101	103
10 1 2	1022		56	497	15.00	.00	107	104	104	106	111	96	101	103
10 1 12	1111		56	524	15.00	.02	105	106	100	105	110	99	101	103
10 1 17	913		53	510	15.00	.31	103	105	100	107	109	91	98	101
10 1 22	1022		45	546	15.00	.00	103	105	103	106	110	91	100	100
10 1 27	1022		45	546	15.00	.00	102	105	101	105	100	91	90	90
10 1 32	1556		70	569	15.00	.01	101	103	102	106	106	88	81	82
10 1 32	1200		56	565	15.00	.00	98	103	99	106	105	87	83	83
10 1 42	1556		56	583	15.00	.33	97	102	101	106	106	85	79	82
10 1 42	1244		51	575	15.00	.01	96	102	101	106	105	80	78	82
10 1 47	1249		54	502	15.00	.00	94	101	94	103	99	84	80	84
10 1 52	1200		54	588	15.00	.01	94	101	94	99	102	85	82	83
10 1 57	1200		53	586	15.00	.02	97	100	96	100	100	86	82	82
10 2 2	1209		56	587	15.00	.03	97	100	98	102	101	85	78	78
10 2 7	449		57	580	15.00	.03	93	101	95	97	103	85	82	81
10 2 13	978		54	587	15.00	.01	93	101	97	97	103	85	78	75
10 2 18	1487		57	600	15.00	.01	92	100	94	102	97	84	73	75
10 2 23	1200		57	593	15.00	0.00	91	100	93	98	100	83	75	78
10 2 28	1378		41	582	15.00	.01	88	97	91	97	101	82	73	78
10 2 33	1111		26	551	15.00	.01	88	99	91	97	101	82	73	78
10 2 38	1487		32	513	15.00	.01	80	99	91	97	101	82	73	78
10 2 43	1644		34	501	15.00	.01	80	101	94	97	102	82	74	79
10 2 48	1289		38	465	15.00	.03	81	103	92	95	101	82	73	82
10 2 53	1022		30	458	15.00	.02	82	105	91	93	104	82	82	82
10 2 58	489		43	458	15.00	.02	92	104	93	94	103	80	80	77
10 3 3	1111		33	420	15.00	.03	92	103	95	95	105	84	80	81
10 3 8	1556		28	414	15.00	.01	91	104	91	94	104	83	81	83
10 3 13	1289		25	403	15.00	.00	90	105	91	93	104	84	85	87
10 3 18	1022		41	390	15.00	.01	91	105	91	95	104	84	85	87
10 3 23	933		37	336	15.00	.04	92	105	92	94	103	84	86	88
10 3 28	604		40	419	15.00	.01	93	105	92	94	104	84	84	87
10 3 33	800		38	429	15.00	.01	94	105	93	96	104	84	84	87
10 3 38	1467		22	429	15.00	0.00	94	105	93	96	104	84	83	89
10 3 43	1111		29	423	15.00	.01	97	106	95	92	105	86	80	83
10 3 48	1544		26	421	15.00	.11	95	106	95	94	105	87	84	88
10 3 53	1556		29	416	15.00	.10	97	107	95	98	105	87	79	84
10 3 58	1378		27	403	15.00	.03	97	106	97	98	105	87	78	85
10 4 3	-1378		10	401	15.00	.00	100	106	97	101	100	87	82	88
10 4 8	-1544		11	401	15.00	.01	98	106	96	101	102	89	82	89
10 4 13	-1711		13	395	15.00	.12	93	105	90	102	104	88	83	90

C COMMUTATOR

TIME H/M/S	EC 14 TEMP AIR OUTLET OVERHD L/H CABIN	EC 15 TEMP AIR INLET CABIN SENSOR 1-12	EC 15 TEMP AIR INLET DUCT T/E CABIN	EC 17 TEMP AIR CABIN EXIT	EC 6 TEMP MASS PILOTS CREW STAT FLOOR	EC 10 TEMP MASS CO-PLT CREW STAT FLOOR	EC 18 TEMP AIR BEHIND PILOTS PANEL	EC 19 TEMP AIR BEHIND CO-PLT PANEL	EC 20 TEMP SURFAC WIND SHIELD BOTTOM	EC 21 TEMP SURFAC WIND SHIELD CENTER	EC 24 PRESS UPSTRM OF BLEED AIR REG	EC 25 FLOW PRESS UPSTRM OF BLD AIR	EC 26 TEMP AIR UMSTR OF SERVICE AIR REG
0 57 9	123.	125.	121.	127.	121.	124.	126.	136.	126.	120.	-1.	0.	120.
0 57 14	122.	124.	121.	125.	121.	124.	120.	136.	125.	129.	-1.	-0.	125.
0 57 19	122.	123.	122.	124.	122.	122.	120.	135.	125.	130.	-1.	0.	105.
0 57 24	122.	124.	120.	124.	122.	122.	120.	135.	124.	124.	-1.	0.	116.
0 57 29	123.	124.	121.	122.	123.	123.	132.	137.	121.	121.	3.	-0.	116.
0 57 42	124.	125.	122.	122.	123.	119.	131.	137.	121.	121.	1.	-0.	110.
0 57 39	123.	125.	123.	123.	123.	123.	132.	147.	122.	126.	1.	0.	123.
0 57 49	122.	125.	122.	123.	123.	123.	130.	138.	122.	127.	1.	0.	119.
0 57 54	121.	123.	122.	122.	122.	122.	129.	137.	125.	130.	-2.	0.	123.
0 57 59	123.	122.	122.	123.	122.	122.	127.	128.	120.	127.	-1.	0.	90.
0 58 4	125.	122.	124.	120.	123.	122.	127.	136.	125.	130.	-3.	-0.	122.
0 58 9	125.	120.	124.	120.	121.	121.	131.	133.	127.	125.	0.	0.	144.
0 58 14	125.	120.	124.	123.	122.	121.	130.	134.	123.	119.	0.	0.	122.
0 58 19	124.	127.	122.	124.	122.	123.	130.	147.	121.	122.	0.	0.	115.
0 58 24	124.	127.	122.	123.	121.	123.	131.	137.	121.	125.	0.	0.	130.
0 58 29	125.	129.	124.	124.	122.	122.	129.	132.	121.	119.	-1.	0.	130.
0 58 34	124.	127.	123.	123.	122.	123.	130.	135.	121.	124.	0.	0.	120.
0 58 40	123.	122.	122.	125.	121.	123.	120.	120.	126.	132.	-2.	0.	127.
0 58 45	122.	119.	122.	125.	122.	123.	127.	130.	126.	131.	-1.	0.	127.
0 58 50	124.	121.	122.	124.	123.	123.	126.	133.	126.	130.	1.	0.	141.
0 58 55	123.	122.	122.	124.	123.	123.	129.	135.	125.	130.	1.	-0.	131.
0 59 0	123.	121.	121.	124.	122.	123.	126.	134.	125.	130.	-5.	0.	114.
0 59 5	123.	123.	121.	120.	122.	123.	127.	130.	126.	130.	-2.	0.	110.
0 59 10	123.	123.	122.	125.	123.	123.	127.	132.	127.	130.	-0.	0.	110.
0 59 15	123.	122.	123.	126.	123.	123.	127.	136.	120.	129.	0.	0.	112.
0 59 20	126.	120.	115.	127.	123.	123.	126.	127.	127.	123.	-1.	0.	119.
9 10 10	125.	125.	110.	127.	124.	124.	120.	129.	126.	124.	15.	-0.	124.
9 10 23	124.	119.	110.	126.	123.	124.	130.	131.	120.	130.	33.	0.	129.
9 10 20	124.	119.	120.	126.	124.	124.	130.	133.	127.	131.	33.	-0.	136.
9 10 33	123.	119.	121.	125.	124.	122.	132.	136.	126.	130.	30.	0.	149.
9 10 30	123.	120.	121.	125.	124.	123.	132.	136.	125.	130.	31.	-0.	145.
9 10 43	122.	121.	121.	125.	123.	124.	120.	139.	122.	130.	33.	0.	150.
9 10 53	122.	121.	121.	126.	123.	123.	129.	137.	124.	129.	35.	0.	163.
9 10 50	121.	121.	123.	120.	123.	121.	130.	131.	126.	124.	36.	0.	160.
9 11 3	123.	123.	124.	127.	123.	121.	131.	131.	120.	123.	30.	0.	166.
9 11 3	125.	118.	123.	127.	123.	123.	132.	134.	125.	121.	37.	0.	174.
9 51 0	125.	120.	123.	126.	125.	123.	130.	132.	127.	124.	33.	0.	170.
9 11 13	121.	123.	125.	120.	123.	121.	130.	130.	126.	123.	21.	1.	167.
9 11 23	124.	124.	124.	124.	123.	122.	131.	131.	125.	121.	19.	1.	165.
9 11 20	125.	123.	122.	123.	122.	124.	132.	135.	124.	121.	19.	1.	170.
9 11 20	124.	124.	121.	125.	123.	124.	134.	134.	125.	121.	10.	1.	176.
9 11 33	116.	124.	121.	124.	122.	123.	133.	136.	124.	121.	10.	1.	172.
9 11 30	120.	124.	122.	124.	122.	122.	136.	136.	124.	122.	10.	1.	180.
9 11 43	124.	121.	122.	125.	123.	121.	134.	136.	110.	124.	10.	1.	203.

TIME MM/SS	EC 14 TEMP AIR	EC 15 TEMP AIR	EC 15 INLET CABIN	EC 15 SENSOR 1-12	EC 15 TEMP AIR	EC 15 INLET DUCT	EC 15 TEMP TEE	EC 15 TEMP CABIN	EC 17 TEMP AIR	EC 17 TEMP CABIN	EC 17 TEMP EXIT	EC 18 TEMP PILOTS	EC 18 TEMP PANEL	EC 19 TEMP CO-PLY	EC 19 TEMP PANEL	EC 20 TEMP SHIELD	EC 20 TEMP BOTTOM	EC 21 TEMP SHIELD	EC 21 TEMP CENTER	EC 24 PRESS UPSTRM	EC 24 PRESS OF BLEED	EC 25 FLOW UPSTRM	EC 25 PRESS OF BLD	EC 26 TEMP AIR
9 51 48	124.	122.	122.	122.	122.	122.	122.	122.	125.	125.	125.	133.	133.	137.	137.	120.	120.	126.	126.	20.	20.	1.	1.	200.
9 11 53	121.	121.	118.	121.	121.	121.	121.	121.	125.	125.	125.	131.	131.	137.	137.	124.	124.	130.	130.	19.	19.	1.	1.	196.
9 51 58	122.	120.	120.	120.	120.	120.	120.	120.	125.	125.	125.	131.	131.	134.	134.	126.	126.	130.	130.	20.	20.	1.	1.	198.
9 12 4	125.	121.	123.	121.	121.	121.	121.	121.	130.	130.	130.	130.	130.	128.	128.	130.	130.	125.	125.	27.	27.	1.	1.	210.
9 12 9	125.	124.	123.	124.	124.	124.	124.	124.	129.	129.	129.	131.	131.	129.	129.	127.	127.	123.	123.	28.	28.	1.	1.	216.
9 12 14	123.	123.	120.	123.	123.	123.	123.	123.	125.	125.	125.	133.	133.	139.	139.	122.	122.	128.	128.	32.	32.	2.	2.	235.
9 12 19	123.	124.	111.	124.	124.	124.	124.	124.	127.	127.	127.	131.	131.	134.	134.	125.	125.	127.	127.	35.	35.	2.	2.	235.
9 12 24	123.	125.	04.	125.	125.	125.	125.	125.	131.	131.	131.	131.	131.	127.	127.	127.	127.	123.	123.	43.	43.	2.	2.	234.
9 12 29	120.	124.	77.	124.	124.	124.	124.	124.	128.	128.	128.	133.	133.	132.	132.	125.	125.	126.	126.	44.	44.	2.	2.	254.
9 12 34	112.	116.	60.	116.	116.	116.	116.	116.	127.	127.	127.	126.	126.	129.	129.	126.	126.	130.	130.	43.	43.	2.	2.	260.
9 12 39	111.	116.	60.	116.	116.	116.	116.	116.	127.	127.	127.	128.	128.	128.	128.	127.	127.	128.	128.	35.	35.	2.	2.	264.
9 12 44	113.	117.	64.	117.	117.	117.	117.	117.	128.	128.	128.	131.	131.	128.	128.	126.	126.	122.	122.	26.	26.	1.	1.	276.
9 12 49	113.	117.	62.	117.	117.	117.	117.	117.	128.	128.	128.	132.	132.	129.	129.	126.	126.	122.	122.	26.	26.	1.	1.	281.
9 12 54	112.	118.	56.	118.	118.	118.	118.	118.	127.	127.	127.	132.	132.	129.	129.	125.	125.	121.	121.	27.	27.	1.	1.	295.
9 12 59	110.	118.	56.	118.	118.	118.	118.	118.	125.	125.	125.	133.	133.	131.	131.	124.	124.	121.	121.	28.	28.	1.	1.	299.
9 13 4	107.	116.	54.	116.	116.	116.	116.	116.	122.	122.	122.	134.	134.	134.	134.	122.	122.	127.	127.	29.	29.	1.	1.	310.
9 13 9	105.	115.	52.	115.	115.	115.	115.	115.	122.	122.	122.	134.	134.	136.	136.	122.	122.	127.	127.	28.	28.	1.	1.	308.
9 13 14	103.	112.	50.	112.	112.	112.	112.	112.	123.	123.	123.	134.	134.	132.	132.	129.	129.	130.	130.	28.	28.	1.	1.	319.
9 13 19	103.	113.	53.	113.	113.	113.	113.	113.	121.	121.	121.	135.	135.	134.	134.	126.	126.	128.	128.	27.	27.	1.	1.	320.
9 13 29	110.	115.	49.	115.	115.	115.	115.	115.	121.	121.	121.	136.	136.	136.	136.	122.	122.	127.	127.	38.	38.	2.	2.	336.
9 13 34	98.	113.	40.	113.	113.	113.	113.	113.	120.	120.	120.	134.	134.	136.	136.	121.	121.	127.	127.	40.	40.	2.	2.	339.
9 13 39	94.	108.	46.	108.	108.	108.	108.	108.	116.	116.	116.	131.	131.	132.	132.	125.	125.	129.	129.	32.	32.	1.	1.	335.
9 13 44	96.	113.	45.	113.	113.	113.	113.	113.	113.	113.	113.	132.	132.	132.	132.	125.	125.	129.	129.	32.	32.	1.	1.	331.
9 13 49	96.	112.	45.	112.	112.	112.	112.	112.	118.	118.	118.	135.	135.	132.	132.	121.	121.	125.	125.	29.	29.	1.	1.	319.
9 13 59	97.	112.	49.	112.	112.	112.	112.	112.	119.	119.	119.	135.	135.	133.	133.	121.	121.	125.	125.	27.	27.	1.	1.	332.
9 14 12	99.	113.	49.	113.	113.	113.	113.	113.	119.	119.	119.	134.	134.	132.	132.	124.	124.	124.	124.	24.	24.	1.	1.	334.
9 14 9	101.	114.	52.	114.	114.	114.	114.	114.	121.	121.	121.	132.	132.	128.	128.	122.	122.	121.	121.	23.	23.	1.	1.	341.
9 14 9	101.	115.	52.	115.	115.	115.	115.	115.	121.	121.	121.	131.	131.	128.	128.	124.	124.	121.	121.	23.	23.	1.	1.	339.
9 14 14	101.	116.	50.	116.	116.	116.	116.	116.	121.	121.	121.	132.	132.	128.	128.	123.	123.	120.	120.	24.	24.	1.	1.	324.
9 14 19	100.	116.	50.	116.	116.	116.	116.	116.	120.	120.	120.	132.	132.	129.	129.	123.	123.	120.	120.	24.	24.	1.	1.	324.
9 14 24	97.	115.	50.	115.	115.	115.	115.	115.	118.	118.	118.	134.	134.	133.	133.	122.	122.	127.	127.	24.	24.	1.	1.	310.
9 14 29	97.	113.	49.	113.	113.	113.	113.	113.	118.	118.	118.	131.	131.	129.	129.	122.	122.	127.	127.	24.	24.	1.	1.	324.
9 14 34	99.	108.	49.	108.	108.	108.	108.	108.	118.	118.	118.	133.	133.	130.	130.	125.	125.	129.	129.	25.	25.	1.	1.	321.
9 14 40	99.	109.	50.	109.	109.	109.	109.	109.	119.	119.	119.	132.	132.	130.	130.	125.	125.	129.	129.	25.	25.	1.	1.	321.
9 14 45	100.	111.	49.	111.	111.	111.	111.	111.	120.	120.	120.	130.	130.	129.	129.	125.	125.	130.	130.	25.	25.	1.	1.	321.
9 14 50	100.	111.	49.	111.	111.	111.	111.	111.	120.	120.	120.	130.	130.	127.	127.	127.	127.	129.	129.	23.	23.	1.	1.	309.
9 14 55	100.	112.	48.	112.	112.	112.	112.	112.	120.	120.	120.	128.	128.	126.	126.	129.	129.	127.	127.	24.	24.	1.	1.	310.
9 15 0	99.	112.	48.	112.	112.	112.	112.	112.	119.	119.	119.	131.	131.	125.	125.	127.	127.	127.	127.	25.	25.	1.	1.	322.
9 15 5	99.	114.	47.	114.	114.	114.	114.	114.	117.	117.	117.	131.	131.	125.	125.	127.	127.	127.	127.	23.	23.	1.	1.	317.
9 15 10	98.	115.	47.	115.	115.	115.	115.	115.	117.	117.	117.	134.	134.	126.	126.	122.	122.	126.	126.	23.	23.	1.	1.	298.
9 15 15	100.	117.	50.	117.	117.	117.	117.	117.	116.	116.	116.	134.	134.	128.	128.	122.	122.	125.	125.	24.	24.	1.	1.	306.
9 15 20	100.	117.	48.	117.	117.	117.	117.	117.	118.	118.	118.	131.	131.	129.	129.	121.	121.	121.	121.	21.	21.	1.	1.	309.
9 15 25	98.	112.	47.	112.	112.	112.	112.	112.	116.	116.	116.	132.	132.	132.	132.	120.	120.	128.	128.	22.	22.	1.	1.	312.
9 15 30	97.	113.	45.	113.	113.	113.	113.	113.	117.	117.	117.	132.	132.	131.	131.	121.	121.	127.	127.	22.	22.	1.	1.	301.
9 15 35	98.	110.	45.	110.	110.	110.	110.	110.	119.	119.	119.	128.	128.	124.	124.	127.	127.	129.	129.	25.	25.	1.	1.	306.
9 15 40	97.	110.	45.	110.	110.	110.	110.	110.	118.	118.	118.	130.	130.	127.	127.	126.	126.	128.	128.	23.	23.	1.	1.	303.
9 15 45	97.	105.	42.	105.	105.	105.	105.	105.	116.	116.	116.	129.	129.	116.	116.	127.	127.	136.	136.	23.	23.	1.	1.	303.
9 15 50	97.	107.	44.	107.	107.	107.	107.	107.	117.	117.	117.	131.	131.	121.	121.	124.	124.	134.	134.	22.	22.	1.	1.	301.

TIME H/M/S	EC 14 TEMP AIR OUTLET OVERH L/H CABIN	EC 15 TEMP AIR INLET CABIN SENSOR 1-12	EC 15 TEMP AIR JUCT TEE CABIN	EC 17 TEMP AIR CABIN EXIT	EC 6 TEMP MASS PILOTS CREW STAT FLOOR	EC 10 TEMP MASS CO-PLT CREW STAT FLOOR	EC 10 TEMP AIR PILOTS PANEL	EC 19 TEMP AIR SEMINO CO-PLT PANEL	EC 20 TEMP SURFAC WIND SHIELD BOTTOM	EC 21 TEMP SURFAC WIND SHIELD CENTER	EC 24 PRESS UPSTRM OF BLEED AIR REG	EC 29 FLOW PRESS JPSTRA OF BLO AIR	EC 26 TEMP AIR OHMSR OF SERVICE AIR REG
9 15 55	97.	112.	47.	119.	121.	119.	127.	124.	125.	121.	28.	1.	311.
9 16 5	97.	113.	45.	119.	122.	119.	130.	127.	124.	125.	29.	1.	387.
9 16 10	90.	100.	40.	117.	119.	120.	126.	129.	123.	125.	31.	1.	312.
9 16 10	91.	110.	41.	119.	119.	119.	127.	126.	123.	124.	34.	1.	316.
9 16 15	80.	112.	40.	117.	119.	119.	130.	125.	123.	116.	40.	2.	316.
9 16 20	80.	109.	30.	116.	119.	119.	131.	127.	122.	121.	42.	2.	323.
9 16 25	78.	100.	32.	113.	120.	120.	131.	129.	124.	129.	48.	2.	330.
9 16 35	77.	104.	36.	115.	120.	119.	128.	124.	125.	125.	48.	2.	336.
9 16 40	73.	103.	37.	114.	119.	119.	127.	127.	123.	128.	50.	2.	344.
9 16 45	73.	105.	38.	113.	110.	117.	120.	126.	122.	125.	53.	1.	339.
9 16 50	73.	104.	38.	114.	113.	116.	127.	127.	122.	125.	53.	1.	341.
9 16 55	71.	106.	35.	114.	110.	110.	128.	123.	121.	118.	57.	1.	345.
9 17 0	70.	104.	36.	112.	113.	118.	127.	126.	122.	121.	55.	1.	340.
9 17 5	68.	108.	37.	110.	117.	110.	129.	123.	122.	121.	55.	1.	372.
9 17 10	60.	105.	36.	110.	113.	118.	130.	126.	122.	123.	51.	1.	381.
9 17 16	67.	97.	37.	110.	113.	115.	127.	123.	124.	127.	51.	1.	384.
9 17 21	68.	101.	38.	111.	110.	119.	126.	121.	124.	122.	52.	1.	383.
9 17 26	67.	100.	37.	108.	117.	123.	128.	123.	119.	118.	55.	1.	383.
9 17 31	67.	105.	38.	110.	118.	120.	127.	121.	120.	110.	54.	1.	378.
9 17 30	63.	90.	39.	110.	118.	118.	127.	121.	122.	126.	56.	1.	380.
9 17 41	65.	99.	39.	110.	118.	117.	126.	121.	124.	123.	54.	1.	391.
9 17 46	65.	104.	37.	110.	115.	116.	127.	123.	118.	118.	56.	1.	396.
9 17 51	64.	108.	38.	109.	115.	116.	127.	123.	121.	122.	53.	1.	396.
9 17 56	67.	100.	40.	110.	117.	117.	124.	116.	123.	117.	53.	1.	401.
9 18 1	65.	101.	40.	110.	115.	110.	125.	119.	122.	119.	57.	1.	409.
9 18 6	65.	107.	42.	106.	116.	117.	127.	125.	120.	122.	57.	1.	416.
9 18 11	64.	107.	40.	106.	117.	117.	125.	123.	123.	125.	55.	1.	399.
9 18 16	62.	100.	37.	105.	110.	117.	125.	123.	124.	124.	54.	1.	413.
9 18 21	62.	108.	38.	108.	116.	116.	122.	116.	125.	117.	56.	1.	427.
9 18 31	50.	113.	74.	100.	116.	116.	122.	121.	124.	116.	56.	1.	423.
9 18 41	68.	112.	99.	107.	116.	115.	125.	121.	119.	117.	51.	2.	416.
9 18 46	84.	111.	147.	100.	116.	115.	126.	122.	120.	123.	51.	2.	419.
9 18 51	91.	113.	157.	113.	115.	116.	125.	123.	121.	124.	52.	1.	422.
9 18 56	103.	116.	185.	115.	116.	117.	125.	121.	119.	121.	52.	1.	429.
9 19 1	106.	114.	192.	118.	115.	116.	125.	116.	123.	117.	56.	1.	425.
9 19 11	110.	117.	120.	119.	116.	116.	125.	118.	123.	117.	54.	1.	423.
9 19 16	105.	116.	102.	110.	115.	116.	125.	120.	123.	118.	54.	1.	437.
9 19 21	94.	110.	63.	111.	115.	115.	126.	122.	120.	119.	54.	1.	436.
9 19 26	92.	100.	59.	110.	115.	116.	126.	122.	121.	125.	55.	1.	438.
9 19 31	86.	102.	50.	110.	115.	115.	123.	117.	123.	122.	55.	1.	435.
9 19 36	85.	101.	50.	112.	115.	115.	124.	117.	121.	117.	54.	1.	419.
9 19 41	83.	101.	45.	110.	114.	110.	124.	117.	124.	122.	54.	1.	431.
9 19 46	84.	105.	42.	111.	115.	114.	124.	117.	124.	116.	56.	1.	433.
9 19 59	80.	104.	42.	110.	113.	113.	124.	120.	121.	120.	56.	1.	437.
9 19 57	76.	99.	44.	113.	113.	115.	121.	113.	125.	121.	57.	1.	437.

TIME MM/SS	EC 14 TEMP AIR OUTLET OVERHD L/H CABIN	EC 15 TEMP AIR INLET CABIN SENSOR 1-12	EC 15 TEMP AIR INLET JUGY TEE CABIN	EC 17 TEMP AIR CABIN EXIT	EC 5 TEMP MASS PILOTS CREW STAT FLOOR	EC 10 TEMP MASS CO-PLT CREW STAT FLOOR	EC 10 TEMP AIR BEHIND PILOTS PANEL	EC 19 TEMP AIR BEHIND CO-PLT PANEL	EC 20 TEMP SURFAC WIND SHIELD BOTTOM	EC 21 TEMP SURFAC WIND SHIELD CENTER	EC 24 PRESS UPSTRM OF BLEED AIR REG	EC 25 FLOW PRESS UPSTRM OF 9LO AIR	EC 20 TEMP AIR DMSTR OF SERVICE AIR REG
9 20 2	76.	100.	43.	103.	116.	114.	121.	109.	124.	118.	57.	1.	436.
9 20 7	74.	102.	42.	108.	115.	116.	121.	114.	121.	122.	56.	2.	433.
9 20 12	75.	106.	42.	108.	115.	115.	121.	109.	121.	119.	56.	2.	437.
9 20 17	73.	111.	41.	105.	113.	115.	125.	116.	118.	117.	53.	1.	450.
9 20 22	72.	110.	40.	105.	113.	115.	125.	116.	119.	113.	55.	1.	446.
9 20 27	69.	107.	41.	105.	115.	114.	121.	114.	126.	122.	56.	2.	443.
9 20 32	70.	111.	41.	105.	114.	113.	121.	114.	123.	118.	55.	1.	442.
9 20 37	76.	111.	111.	105.	110.	114.	123.	119.	119.	121.	51.	2.	438.
9 20 42	84.	111.	129.	109.	113.	114.	121.	107.	122.	120.	51.	1.	443.
9 20 47	98.	114.	168.	115.	114.	115.	122.	119.	116.	119.	52.	1.	442.
9 20 52	102.	113.	176.	118.	115.	115.	120.	115.	120.	119.	53.	1.	447.
9 20 57	113.	115.	199.	117.	113.	115.	125.	121.	119.	121.	56.	1.	444.
9 21 2	117.	116.	206.	119.	113.	115.	123.	117.	120.	118.	56.	1.	446.
9 21 7	113.	116.	118.	117.	114.	115.	123.	124.	119.	116.	53.	1.	439.
9 21 17	106.	112.	99.	118.	114.	114.	123.	121.	122.	121.	54.	1.	445.
9 21 17	100.	168.	65.	116.	119.	114.	122.	116.	121.	117.	53.	1.	439.
9 21 22	98.	108.	62.	116.	115.	114.	123.	116.	120.	117.	53.	1.	445.
9 21 27	90.	100.	53.	120.	115.	114.	121.	115.	124.	127.	57.	1.	443.
9 21 32	91.	103.	52.	118.	114.	114.	122.	114.	120.	122.	57.	1.	440.
9 21 37	89.	103.	50.	117.	115.	114.	119.	118.	127.	121.	56.	1.	443.
9 21 47	88.	102.	49.	117.	114.	114.	121.	112.	124.	123.	52.	1.	439.
9 21 52	87.	103.	49.	119.	114.	113.	121.	108.	125.	119.	48.	1.	445.
9 21 57	87.	103.	46.	119.	114.	116.	121.	107.	124.	118.	38.	1.	445.
9 22 2	84.	97.	44.	117.	115.	115.	118.	112.	127.	125.	39.	1.	438.
9 22 2	82.	96.	38.	114.	114.	115.	121.	114.	124.	124.	39.	1.	444.
9 22 7	82.	106.	42.	117.	112.	114.	121.	111.	121.	116.	37.	1.	438.
9 22 12	81.	105.	43.	117.	113.	113.	121.	109.	123.	119.	37.	1.	433.
9 22 17	77.	106.	42.	116.	113.	114.	125.	115.	121.	124.	40.	1.	435.
9 22 22	78.	109.	42.	116.	115.	113.	122.	113.	121.	120.	39.	1.	431.
9 22 35	75.	106.	42.	117.	115.	113.	119.	107.	127.	122.	36.	1.	434.
9 22 38	80.	107.	42.	116.	114.	114.	122.	111.	125.	124.	34.	1.	433.
9 22 43	79.	109.	48.	119.	114.	112.	120.	105.	125.	119.	36.	2.	430.
9 22 48	92.	108.	108.	118.	114.	113.	121.	108.	124.	122.	35.	2.	429.
9 22 53	96.	109.	148.	118.	114.	113.	123.	115.	116.	125.	34.	2.	419.
9 22 58	165.	111.	150.	116.	113.	114.	125.	117.	118.	124.	34.	2.	420.
9 23 5	107.	112.	159.	117.	113.	114.	124.	116.	121.	124.	33.	2.	421.
9 23 8	108.	115.	161.	119.	112.	114.	123.	115.	123.	123.	34.	1.	422.
9 23 13	107.	114.	126.	119.	112.	114.	123.	114.	120.	121.	38.	2.	399.
9 23 16	103.	112.	74.	119.	114.	112.	121.	107.	123.	119.	38.	1.	408.
9 23 23	100.	109.	69.	128.	114.	113.	120.	107.	123.	116.	36.	1.	413.
9 23 28	95.	102.	58.	113.	114.	113.	120.	108.	127.	110.	39.	1.	411.
9 23 33	94.	101.	55.	113.	114.	113.	120.	108.	127.	122.	36.	1.	409.
9 23 38	90.	100.	50.	119.	113.	112.	120.	108.	127.	122.	37.	1.	405.
9 23 43	89.	100.	50.	118.	115.	112.	120.	106.	126.	121.	36.	1.	404.
9 23 48	90.	103.	48.	118.	113.	112.	120.	106.	125.	117.	35.	1.	404.
9 23 53	87.	101.	40.	118.	113.	115.	120.	107.	124.	119.	34.	1.	436.
9 23 58	84.	94.	40.	119.	114.	112.	119.	105.	125.	119.	34.	1.	438.
9 24 3	84.	101.	47.	119.	114.	112.	119.	105.	124.	117.	35.	1.	404.

TIME MM/SS	EC 14	EC 15	EC 17	EC 3	EC 18	EC 19	EC 20	EC 21	EC 24	EC 25	EC 26
	TEMP AIR OUTLET J/VERND L/H CABIN	TEMP AIR INLET JUCT SENSOR 1-12	TEMP AIR CABIN EXIT	TEMP MASS PILOTS CREW STAT FLOOR	TEMP MASS CO-PLT CREW STAT FLOOR	TEMP AIR BEHIND PILOTS PANEL	TEMP SURFAC WIND SHIELD BOTTOM	TEMP SURFAC MINU SHIELD CENTER	PRESS UPSTRM OF JLEED AIR REG	FLOW PRESS UPSTRM OF BLU AIR	TEMP AIR UMNSTR OF SERVICE AR REG
9 24 8	84.	106.	117.	112.	112.	118.	121.	116.	35.	1.	419.
9 24 13	82.	104.	116.	113.	112.	120.	121.	119.	36.	1.	416.
9 24 23	78.	98.	116.	105.	113.	123.	123.	126.	33.	1.	411.
9 24 23	76.	99.	115.	103.	112.	123.	123.	119.	27.	1.	410.
9 24 16	95.	106.	123.	114.	112.	124.	119.	121.	23.	1.	339.
9 28 21	95.	108.	124.	114.	112.	125.	122.	121.	24.	1.	335.
9 28 34	94.	110.	122.	114.	112.	125.	121.	120.	24.	1.	336.
9 28 31	96.	111.	123.	113.	112.	123.	120.	120.	24.	1.	336.
9 28 36	95.	107.	124.	115.	112.	121.	120.	120.	24.	1.	336.
9 28 41	94.	107.	123.	115.	112.	122.	120.	120.	24.	1.	336.
9 28 46	97.	114.	125.	114.	112.	122.	120.	120.	24.	1.	336.
9 28 56	98.	112.	125.	114.	112.	122.	120.	120.	24.	1.	336.
9 29 1	95.	106.	124.	115.	113.	123.	120.	120.	24.	1.	336.
9 29 6	96.	109.	123.	115.	113.	123.	120.	120.	24.	1.	336.
9 29 11	98.	113.	123.	115.	113.	123.	120.	120.	24.	1.	336.
9 29 16	97.	111.	124.	115.	112.	120.	122.	120.	24.	1.	336.
9 29 16	95.	108.	122.	114.	112.	120.	122.	120.	24.	1.	336.
9 29 21	97.	109.	124.	115.	112.	120.	122.	120.	24.	1.	336.
9 29 26	95.	108.	124.	115.	112.	120.	122.	120.	24.	1.	336.
9 29 31	95.	108.	122.	115.	112.	120.	122.	120.	24.	1.	336.
9 29 36	98.	114.	118.	115.	105.	123.	120.	120.	24.	1.	336.
9 29 41	97.	110.	121.	115.	109.	122.	120.	120.	24.	1.	336.
9 29 47	97.	111.	123.	113.	113.	125.	120.	120.	24.	1.	336.
9 29 52	97.	110.	124.	114.	113.	123.	120.	120.	24.	1.	336.
9 29 57	96.	108.	116.	115.	113.	123.	120.	120.	24.	1.	336.
9 30 2	97.	110.	119.	113.	113.	123.	120.	120.	24.	1.	336.
9 30 7	99.	111.	126.	113.	112.	124.	120.	120.	24.	1.	336.
9 30 12	98.	109.	125.	114.	112.	122.	120.	120.	24.	1.	336.
9 30 17	99.	105.	125.	114.	112.	122.	120.	120.	24.	1.	336.
9 30 22	98.	106.	124.	115.	113.	123.	120.	120.	24.	1.	336.
9 30 27	100.	113.	126.	113.	113.	123.	120.	120.	24.	1.	336.
9 30 32	98.	109.	123.	110.	113.	124.	120.	120.	24.	1.	336.
9 30 37	98.	108.	125.	115.	112.	116.	120.	120.	24.	1.	336.
9 30 42	98.	110.	124.	115.	112.	116.	120.	120.	24.	1.	336.
9 30 47	95.	109.	123.	114.	112.	120.	120.	120.	24.	1.	336.
9 30 52	95.	108.	123.	114.	113.	124.	120.	120.	24.	1.	336.
9 30 57	100.	114.	121.	113.	112.	119.	120.	120.	24.	1.	336.
9 31 2	100.	114.	123.	113.	112.	121.	121.	116.	22.	1.	321.
9 31 7	97.	107.	126.	115.	112.	123.	121.	116.	22.	1.	322.
9 31 12	97.	109.	124.	115.	113.	124.	123.	123.	22.	1.	324.
9 31 17	101.	113.	125.	115.	110.	117.	123.	123.	21.	1.	320.
9 31 22	98.	111.	124.	115.	110.	118.	123.	116.	23.	1.	321.
9 31 32	99.	111.	124.	112.	111.	121.	123.	116.	23.	1.	321.
9 31 37	99.	113.	126.	113.	112.	121.	122.	118.	21.	1.	319.
9 31 42	101.	114.	123.	115.	112.	125.	123.	118.	21.	1.	319.
9 31 47	99.	111.	124.	115.	112.	125.	123.	122.	27.	1.	316.
9 31 52	97.	95.	123.	114.	112.	123.	119.	121.	29.	1.	318.
9 31 57	94.	101.	122.	114.	113.	120.	117.	125.	36.	1.	314.
9 31 57	88.	104.	121.	115.	111.	114.	124.	124.	37.	2.	329.
9 31 57									124.		342.

TIME M/M/S	EC 14 TEMP AIR OUTLET OVERH L/H CABIN	EC 15 TEMP AIR INLET CABIN SENSOR 1-12	EC 15 TEMP AIR INLET DUCT ICE CABIN	EC 17 TEMP AIR CABIN EXIT	EC 5 TEMP MASS PILOTS CREW STAT FLOOR	EC 10 TEMP MASS CO-PLT CREW STAT FLOOR	EC 18 TEMP AIR BEHIND PILOTS PANEL	EC 19 TEMP AIR BEHIND CO-PLT PANEL	EC 20 TEMP SURFAC WIND SHIELD BOTTOM	EC 21 TEMP SURFAC WIND SIDE CENTER	EC 24 PRESS UPSTRM OF BLEED AIR REG	EC 25 FLOW PRESS UPSTRM OF BLD AIR	EC 26 TEMP AIR DOWNSTR OF SERVICE AIR REG
9 32 2	89.	106.	46.	121.	115.	112.	122.	111.	123.	128.	42.	2.	346.
9 32 7	86.	105.	46.	122.	115.	112.	121.	108.	127.	119.	39.	2.	360.
9 32 12	84.	106.	44.	121.	114.	109.	122.	109.	123.	117.	43.	2.	362.
9 32 17	78.	99.	40.	117.	114.	111.	123.	114.	123.	127.	46.	1.	380.
9 32 22	79.	101.	41.	119.	113.	111.	121.	110.	123.	122.	44.	2.	383.
9 32 28	77.	105.	42.	116.	113.	111.	124.	113.	120.	118.	42.	2.	379.
9 32 33	74.	102.	40.	115.	113.	111.	122.	112.	123.	117.	42.	2.	384.
9 32 38	72.	98.	32.	117.	114.	108.	120.	112.	124.	121.	43.	2.	393.
9 32 43	73.	99.	37.	118.	114.	109.	120.	109.	124.	119.	45.	2.	408.
9 32 48	74.	103.	42.	117.	112.	108.	122.	107.	121.	116.	45.	2.	399.
9 32 53	72.	99.	40.	117.	112.	110.	123.	110.	123.	120.	46.	2.	406.
9 32 58	67.	97.	30.	117.	114.	110.	120.	110.	123.	120.	49.	2.	403.
9 33 3	60.	99.	38.	117.	109.	110.	121.	107.	123.	119.	57.	2.	406.
9 33 8	68.	102.	39.	117.	112.	110.	122.	110.	119.	120.	91.	1.	423.
9 33 13	67.	99.	38.	116.	113.	109.	120.	107.	125.	121.	92.	1.	432.
9 33 18	64.	95.	38.	118.	114.	110.	120.	106.	124.	123.	89.	1.	444.
9 33 23	64.	95.	38.	117.	113.	108.	116.	103.	124.	125.	89.	1.	447.
9 33 28	64.	97.	40.	117.	112.	109.	118.	105.	121.	117.	90.	1.	468.
9 33 33	64.	99.	38.	116.	110.	108.	121.	107.	117.	116.	88.	1.	489.
9 33 38	63.	100.	38.	116.	111.	109.	122.	106.	119.	117.	91.	1.	479.
9 33 43	63.	98.	38.	115.	111.	109.	122.	108.	119.	115.	90.	1.	478.
9 33 48	62.	97.	38.	115.	111.	109.	122.	108.	123.	120.	88.	1.	489.
9 33 53	61.	94.	38.	113.	112.	108.	118.	106.	123.	125.	88.	1.	495.
9 34 8	61.	93.	39.	114.	112.	108.	115.	103.	124.	119.	88.	1.	498.
9 34 13	61.	91.	37.	117.	112.	108.	117.	101.	122.	115.	89.	1.	505.
9 34 18	62.	94.	36.	117.	111.	107.	119.	106.	120.	121.	87.	1.	516.
9 34 23	59.	97.	37.	114.	110.	107.	117.	104.	121.	122.	89.	1.	492.
9 34 28	58.	95.	40.	115.	112.	107.	115.	98.	110.	116.	21.	1.	436.
9 34 33	60.	95.	40.	115.	113.	108.	117.	102.	118.	118.	23.	1.	505.
9 34 38	67.	99.	43.	117.	105.	107.	116.	102.	123.	118.	22.	1.	504.
9 34 43	66.	99.	44.	118.	108.	107.	116.	105.	122.	110.	21.	1.	484.
9 34 48	67.	95.	47.	119.	111.	108.	118.	104.	119.	116.	20.	1.	479.
9 34 53	68.	99.	47.	118.	111.	108.	120.	110.	118.	119.	21.	1.	476.
9 35 8	65.	106.	48.	116.	109.	108.	119.	110.	110.	118.	18.	1.	473.
9 35 14	66.	105.	48.	117.	110.	108.	120.	112.	120.	125.	13.	1.	483.
9 35 19	67.	101.	46.	117.	110.	108.	119.	112.	119.	123.	14.	1.	455.
9 35 24	69.	103.	47.	117.	109.	109.	120.	111.	117.	121.	14.	1.	443.
9 35 29	69.	106.	48.	118.	102.	109.	119.	111.	117.	122.	15.	1.	443.
9 35 34	71.	108.	48.	118.	111.	108.	121.	111.	118.	119.	15.	1.	430.
9 35 39	71.	106.	42.	116.	108.	108.	121.	113.	118.	121.	14.	1.	427.
9 35 44	73.	106.	48.	119.	103.	104.	121.	109.	119.	119.	14.	1.	425.
9 35 49	74.	103.	54.	120.	112.	108.	118.	109.	125.	118.	15.	1.	420.
9 35 54	74.	105.	54.	120.	112.	108.	118.	109.	122.	116.	15.	1.	427.
9 35 59	72.	104.	53.	118.	112.	108.	118.	114.	121.	126.	15.	1.	416.
9 36	73.	106.	53.	118.	112.	108.	118.	114.	119.	123.	16.	1.	411.

TIME MM/SS	EC 14 TEMP AIR OUTLET OVERH L/H	EC 15 TEMP AIR INLET CABIN SENSOR 1-12	EC 15 TEMP AIR INLET JCT FEE	EC 17 TEMP AIR CABIN EXIT	EC 6 TEMP MASS PILOTS CREW STAT FLOOR	EC 10 TEMP MASS CO-PLT CREW STAT FLOOR	EC 14 TEMP AIR BEHIND PILOTS PANEL	EC 19 TEMP AIR BEHIND CO-PLT PANEL	EC 20 TEMP SURFAC WIND SHIELD BOTTOM	EC 21 TEMP SURFAC WIND SHIELD CENTER	EC 24 PRESS UPSTRM OF BLEED AIR REG	EC 25 FLOW PRESS UPSTRM OF FLD AIR	EC 26 TEMP AIR DOWNSTR OF SERVICE AIR REG
9 36 9	77.	103.	53.	121.	111.	108.	119.	108.	119.	116.	14.	1.	408.
9 36 14	77.	109.	55.	121.	111.	109.	119.	108.	119.	115.	14.	0.	400.
9 36 19	76.	106.	56.	123.	112.	108.	116.	106.	124.	119.	13.	1.	591.
9 36 24	75.	107.	55.	121.	112.	104.	116.	109.	123.	125.	14.	1.	385.
9 36 29	74.	106.	53.	119.	112.	108.	119.	114.	122.	127.	14.	1.	385.
9 36 34	76.	111.	55.	118.	112.	111.	119.	112.	121.	121.	15.	1.	399.
9 36 39	78.	112.	60.	121.	114.	108.	121.	110.	125.	116.	15.	1.	391.
9 36 44	76.	110.	59.	121.	113.	104.	121.	113.	120.	120.	15.	1.	392.
9 36 49	80.	114.	60.	121.	112.	108.	120.	109.	121.	116.	15.	1.	373.
9 36 54	79.	111.	59.	121.	112.	108.	119.	110.	122.	122.	16.	1.	374.
9 37 4	79.	112.	60.	120.	112.	106.	123.	117.	118.	122.	15.	1.	381.
9 37 9	80.	112.	61.	122.	112.	108.	121.	113.	120.	120.	14.	1.	381.
9 37 9	78.	108.	59.	119.	110.	110.	117.	116.	121.	125.	13.	1.	373.
9 37 14	79.	110.	62.	121.	112.	109.	116.	112.	123.	120.	14.	1.	368.
9 37 19	74.	108.	61.	119.	112.	110.	120.	116.	121.	127.	13.	1.	378.
9 37 24	78.	111.	62.	121.	111.	109.	120.	113.	121.	121.	14.	1.	373.
9 37 29	81.	108.	63.	121.	112.	110.	118.	112.	123.	124.	14.	1.	369.
9 37 34	82.	111.	64.	122.	112.	110.	118.	110.	121.	124.	15.	1.	367.
9 37 39	83.	113.	58.	119.	112.	110.	123.	110.	119.	124.	19.	1.	361.
9 37 44	82.	112.	61.	121.	112.	109.	121.	115.	121.	125.	21.	1.	364.
9 37 49	85.	116.	65.	123.	111.	108.	121.	110.	121.	116.	17.	1.	364.
9 37 54	85.	116.	65.	123.	112.	109.	120.	110.	121.	116.	19.	1.	361.
9 38 4	84.	110.	66.	122.	113.	108.	119.	112.	124.	122.	22.	1.	371.
9 38 5	81.	112.	66.	122.	112.	108.	116.	110.	124.	121.	21.	1.	368.
9 38 10	84.	110.	63.	123.	113.	110.	118.	112.	125.	125.	21.	1.	376.
9 38 15	85.	113.	65.	123.	113.	112.	119.	113.	123.	122.	21.	1.	368.
9 38 20	84.	112.	67.	123.	114.	109.	117.	110.	126.	121.	21.	1.	371.
9 38 25	84.	112.	66.	123.	116.	109.	117.	110.	125.	120.	22.	1.	373.
9 38 30	83.	112.	65.	116.	105.	110.	122.	119.	125.	124.	21.	1.	374.
9 38 35	83.	112.	66.	119.	109.	109.	121.	112.	119.	123.	21.	1.	376.
9 38 40	82.	112.	65.	120.	113.	110.	121.	115.	119.	123.	20.	1.	375.
9 38 45	84.	114.	67.	120.	112.	109.	121.	115.	120.	120.	20.	1.	374.
9 38 50	82.	111.	67.	123.	114.	114.	120.	115.	123.	127.	22.	1.	373.
9 38 55	84.	114.	67.	122.	113.	112.	121.	113.	122.	124.	21.	1.	369.
9 39 0	85.	107.	63.	121.	114.	110.	120.	113.	124.	124.	21.	1.	364.
9 39 5	85.	111.	67.	122.	113.	110.	121.	113.	122.	119.	21.	1.	367.
9 39 10	84.	108.	67.	122.	113.	110.	116.	115.	123.	128.	19.	1.	369.
9 39 20	85.	111.	68.	122.	113.	109.	119.	116.	121.	124.	20.	1.	369.
9 39 20	86.	110.	69.	122.	114.	110.	121.	114.	123.	127.	19.	1.	365.
9 47 0	91.	107.	72.	124.	113.	110.	122.	116.	122.	122.	20.	1.	364.
9 47 11	99.	108.	77.	127.	112.	111.	122.	114.	122.	123.	21.	1.	368.
9 47 16	99.	109.	76.	126.	111.	111.	122.	116.	119.	122.	21.	1.	361.
9 48 25	101.	113.	74.	123.	115.	110.	127.	121.	124.	127.	20.	1.	357.
9 48 30	101.	119.	74.	124.	115.	110.	127.	122.	124.	126.	20.	1.	355.
9 48 35	101.	119.	75.	125.	115.	110.	127.	122.	124.	126.	20.	1.	353.
10 0 22	103.	116.	72.	127.	115.	110.	128.	124.	124.	125.	22.	1.	356.
10 0 27	106.	95.	71.	130.	114.	112.	126.	121.	121.	119.	38.	1.	370.
10 0 32	106.	104.	66.	127.	114.	112.	127.	121.	121.	123.	33.	1.	372.
10 8 37	102.	108.	53.	128.	112.	110.	128.	119.	123.	124.	39.	1.	365.

TIME H/M/S	04	EC 14 TEMP AIR OUTLET OVERH L/H CABIN	EC 15 TEMP AIR INLET CABIN SENSOR 1-12	EC 16 TEMP AIR INLET DUCT TEE CABIN	EC 17 TEMP AIR CABIN EXIT	EC 18 TEMP MASS PILOTS CREA STAT FLOOR	EC 19 TEMP MASS CO-PLT CREA STAT FLOOR	EC 20 TEMP SURFAC AIND SHIELD BOTTOM	EC 21 TEMP SURFAC WIND SHIELD CENTER	EC 24 PRESS UPSTRM OF BLEED AIR NEG	EC 25 FLOW PRESS UPSTRM OF BLU AIR	EC 26 TEMP AIR DWNSTR OF SERVICE AIR REG
10 0 42	100.	100.	100.	51.	127.	113.	110.	122.	125.	39.	1.	368.
10 0 47	95.	107.	107.	48.	125.	112.	111.	123.	124.	39.	1.	374.
10 0 52	95.	107.	107.	46.	124.	113.	110.	122.	124.	36.	1.	375.
10 0 57	91.	105.	105.	46.	124.	113.	111.	121.	124.	38.	2.	390.
10 1 2	90.	105.	105.	44.	124.	113.	110.	122.	124.	39.	2.	386.
10 1 12	87.	106.	106.	42.	121.	113.	110.	121.	127.	38.	2.	400.
10 1 17	85.	106.	106.	41.	121.	114.	110.	124.	126.	41.	2.	401.
10 1 22	82.	101.	101.	41.	123.	112.	110.	123.	116.	48.	2.	404.
10 1 27	81.	103.	103.	40.	124.	113.	109.	122.	119.	49.	2.	402.
10 1 32	75.	98.	98.	39.	123.	111.	110.	122.	116.	47.	2.	415.
10 1 37	74.	94.	94.	37.	122.	112.	109.	122.	110.	48.	2.	412.
10 1 42	79.	103.	103.	68.	123.	112.	108.	122.	114.	49.	2.	428.
10 1 47	78.	101.	101.	69.	122.	112.	107.	123.	116.	52.	2.	423.
10 1 52	73.	100.	100.	42.	119.	112.	108.	126.	121.	50.	1.	429.
10 1 57	74.	100.	100.	37.	120.	112.	109.	125.	121.	57.	1.	431.
10 2 2	72.	99.	99.	41.	120.	111.	108.	121.	121.	57.	1.	430.
10 2 7	71.	96.	96.	39.	117.	113.	108.	127.	119.	56.	1.	435.
10 2 13	69.	90.	90.	37.	119.	113.	108.	123.	127.	58.	1.	419.
10 2 18	68.	94.	94.	37.	119.	112.	110.	123.	122.	57.	1.	432.
10 2 23	67.	97.	97.	38.	118.	112.	108.	127.	118.	51.	2.	444.
10 2 28	63.	100.	100.	35.	119.	112.	107.	125.	127.	46.	2.	449.
10 2 33	64.	95.	95.	38.	119.	112.	107.	125.	123.	31.	-1.	457.
10 2 38	78.	97.	97.	42.	121.	111.	105.	122.	116.	17.	-0.	452.
10 2 43	69.	101.	101.	42.	120.	111.	105.	122.	116.	16.	1.	459.
10 2 48	72.	106.	106.	42.	121.	112.	108.	124.	121.	16.	1.	445.
10 2 53	73.	103.	103.	42.	121.	112.	107.	122.	126.	16.	1.	430.
10 3 3	75.	104.	104.	44.	123.	111.	106.	122.	123.	15.	1.	431.
10 3 8	76.	105.	105.	45.	123.	112.	107.	121.	121.	17.	1.	433.
10 3 13	76.	105.	105.	45.	119.	112.	106.	123.	125.	15.	1.	426.
10 3 18	77.	105.	105.	45.	121.	112.	107.	125.	124.	16.	1.	425.
10 3 23	77.	105.	105.	46.	121.	111.	107.	126.	123.	23.	1.	428.
10 3 28	76.	104.	104.	47.	121.	112.	106.	126.	123.	23.	1.	415.
10 3 33	79.	107.	107.	42.	120.	112.	108.	126.	123.	22.	1.	405.
10 3 38	80.	108.	108.	47.	120.	112.	108.	125.	125.	23.	1.	403.
10 3 43	82.	107.	107.	51.	118.	112.	107.	124.	127.	21.	1.	400.
10 3 48	82.	107.	107.	51.	118.	112.	107.	122.	125.	23.	1.	410.
10 3 53	82.	107.	107.	50.	123.	113.	110.	125.	121.	9.	0.	395.
10 3 58	83.	101.	101.	56.	122.	113.	109.	125.	121.	5.	0.	377.
10 4 3	82.	95.	95.	50.	121.	112.	106.	125.	127.	-0.	0.	390.
10 4 8	82.	99.	99.	58.	120.	111.	106.	124.	127.	-1.	0.	379.
10 4 13	82.	102.	102.	63.	120.	112.	107.	125.	127.	-2.	0.	368.

TIME H/M/S	EC 27 RESS TOTAL UNSTR SER AIR PRESS	EC 28 FLOWPR OF SV KEG PY270- PY274	EC 29 PRESS STATIC UNSTR OF PRIMRY HX	EC 24 TEMP AIR UPSTRM OF WATER SEP	EC 44 TEMP AIR UNSTR OF CMPR	EC 45 TEMP AIR INLET ECS TURBIN	EC 46 TEMP AIR OUT-LET ECS TURBIN	EC 47 PRESS ECS TURBIN INLET	EC 48 PRESS STATIC ECS TURBIN OUTLET	EC 30 PRESS UPSTRM JF WATER SEP	EC 32 TEMP AIR MAIN SUPPLY FLUBE	EC 33 PRESS MAIN CABIN AT FLOW TUBE	EC 35 TEMP AIR FMO EQUIP RAY VENTUM
05													
0 57 9	-1.	-20.000	-34.	119.	120.	121.	121.	1.	-0.4	0.8	117.	-12	121.
0 57 14	-1.	-20.000	-34.	119.	114.	121.	120.	0.	-0.8	0.	116.	-10	121.
0 57 19	-1.	-20.000	-34.	119.	139.	121.	119.	-1.	-0.4	24	117.	-20	120.
0 57 24	-1.	-20.000	-34.	120.	132.	121.	119.	-1.	-0.9	25	119.	-19	121.
0 57 29	-0.	-20.000	-34.	119.	131.	122.	120.	-4.	0.6	18	121.	-25	120.
0 57 42	-1.	-20.000	-34.	119.	136.	121.	120.	-2.	0.3	22	121.	-24	121.
0 57 49	-0.	-20.000	-34.	119.	137.	121.	120.	-1.	0.00	20	121.	-25	119.
0 57 54	-0.	-20.000	-34.	120.	127.	121.	114.	-2.	0.7	17	120.	-19	120.
0 57 59	-1.	-20.000	-34.	118.	127.	119.	120.	2.	-0.5	16	121.	-27	120.
0 58 4	-1.	-20.000	-34.	118.	132.	120.	120.	1.	-0.32	16	120.	-17	120.
0 58 9	-1.	-20.000	-34.	119.	123.	123.	123.	2.	0.00	23	119.	-29	118.
0 58 9	-1.	-20.000	-34.	119.	122.	122.	120.	0.	0.1	20	120.	-22	119.
0 58 14	-1.	-20.000	-35.	119.	112.	121.	121.	1.	-0.10	0.2	121.	-33	120.
0 58 19	-0.	-20.000	-34.	117.	117.	121.	121.	0.	-0.4	15	121.	-20	121.
0 58 24	-0.	-20.000	-34.	117.	114.	118.	120.	-0.	-0.2	14	121.	-12	116.
0 58 29	-1.	-20.000	-34.	119.	119.	118.	120.	-1.	-0.1	20	122.	-18	118.
0 58 34	-1.	-20.000	-34.	119.	111.	121.	121.	1.	-0.16	16	119.	-22	120.
0 58 40	-1.	-20.000	-34.	119.	112.	122.	119.	-0.	-0.8	10	120.	-23	123.
0 58 45	-1.	-20.000	-34.	120.	129.	121.	121.	0.	0.00	10	120.	-25	120.
0 58 50	-0.	-20.000	-35.	120.	121.	120.	120.	0.	-0.8	12	120.	-21	120.
0 58 55	-0.	-20.000	-35.	118.	107.	121.	119.	-2.	0.2	35	120.	-10	121.
0 59 0	-1.	-20.000	-33.	118.	112.	121.	119.	-1.	0.1	27	120.	-10	121.
0 59 5	-1.	-20.000	-34.	120.	121.	120.	121.	-0.	-0.2	0.00	119.	-20	120.
0 59 10	-2.	-20.000	-34.	119.	115.	120.	120.	-4.	-0.3	0.4	120.	-15	116.
0 59 15	-1.	-20.000	-34.	119.	127.	120.	120.	-1.	-0.2	12	119.	-14	117.
0 59 20	-1.	-20.000	-34.	119.	121.	121.	121.	2.	-0.5	11	119.	-10	120.
9 10 10	14.	-20.000	-34.	120.	120.	122.	121.	1.	-0.8	14	119.	-10	120.
9 10 23	32.	-20.000	-34.	91.	177.	117.	92.	1.	-0.4	0.0	118.	-06	105.
9 10 28	32.	-20.000	-34.	67.	223.	115.	67.	-1.	-0.4	0.00	116.	0.00	97.
9 10 33	32.	-20.000	-34.	69.	219.	116.	69.	-1.	-0.6	3.00	116.	0.02	99.
9 10 38	31.	-20.000	-34.	71.	209.	117.	63.	-1.	0.10	27	118.	-08	102.
9 10 43	31.	-20.000	-34.	70.	211.	116.	55.	-1.	-0.4	21	118.	-04	103.
9 10 53	35.	-20.000	-34.	73.	187.	117.	59.	0.	-0.18	0.00	118.	-00	105.
9 10 58	38.	-20.000	-34.	74.	184.	117.	70.	0.	-0.11	0.09	117.	-07	105.
9 11 3	38.	-20.000	-34.	77.	217.	117.	71.	0.	0.00	-0.4	117.	-02	105.
9 11 8	38.	-20.000	-34.	77.	191.	117.	72.	0.	-0.5	0.1	119.	-01	105.
9 11 13	33.	-20.000	-32.	81.	159.	119.	76.	2.	0.00	22	121.	0.0	106.
9 11 23	19.	-20.000	-32.	68.	162.	119.	63.	25.	1.44	1.51	119.	0.00	96.
9 11 28	16.	-20.000	-32.	35.	230.	117.	24.	36.	3.26	3.26	120.	0.0	67.
9 11 33	19.	-20.000	-32.	38.	238.	117.	29.	36.	3.21	3.21	120.	-02	63.
9 11 38	18.	-20.000	-32.	33.	232.	117.	31.	35.	2.83	2.54	118.	-04	55.
9 11 43	18.	-20.000	-32.	33.	261.	119.	34.	35.	2.79	2.46	119.	-02	53.
9 11 48	18.	-20.000	-32.	36.	243.	121.	37.	34.	2.64	2.13	120.	-10	48.
9 11 53	18.	-20.000	-32.	36.	255.	122.	37.	34.	2.63	2.15	120.	-09	47.
9 11 58	18.	-20.000	-32.	38.	263.	124.	35.	33.	2.52	2.13	119.	-10	44.

TIME M/M/S	EC 27 RESS TOTAL UNSTR SER AIR PRESS	EC 28 FLOMR UNSTR OF SV REG 9270- PV274	EC 39 PRESS STATIC UNSTR OF PRIMRY HX	EC 24 TEMP AIR UPSTRM OF WATER SEP	EC 46 TEMP AIR OUTLET ECS TURBIN	EC 47 PRESS ECS TURBIN INLET	EC 48 PRESS STATIC ECS TURBIN OUTLET	EC 30 PRESS UPSTRM OF WATER SEP	EC 32 TEMP AIR MAIN CABIN SUPPLY FLUTE	EC 33 PRESS MAIN CABIN AT FLOW TUBE	EC 35 TEMP AIR FWD EQUIP BAY VENTUR
9 51 48	18.	-24.000	-32.	36.	37.	34.	2.44	2.14	120.	.10	45.
9 11 53	18.	-20.000	-32.	38.	36.	33.	2.17	2.05	117.	.02	44.
9 51 58	20.	-20.000	-32.	38.	37.	36.	2.59	2.32	118.	.03	44.
9 12 4	25.	-20.000	-32.	32.	42.	47.	4.30	3.21	117.	-.04	40.
9 12 9	27.	-20.000	-32.	34.	44.	50.	4.77	3.51	118.	-.02	40.
9 12 14	32.	-20.000	-32.	37.	45.	60.	8.00	4.36	110.	.02	40.
9 12 19	34.	-20.000	-32.	37.	47.	64.	6.35	4.57	100.	.26	39.
9 12 24	40.	-20.000	-32.	37.	52.	72.	8.11	4.89	63.	.37	40.
9 12 29	41.	-20.000	-32.	37.	52.	74.	8.04	4.94	63.	.37	40.
9 12 34	43.	-20.000	-31.	38.	55.	77.	8.29	5.30	42.	.45	39.
9 12 39	34.	-20.000	-31.	38.	51.	62.	5.90	4.15	47.	.59	40.
9 12 44	27.	-20.000	-32.	38.	40.	45.	3.71	3.09	53.	.40	39.
9 12 49	27.	-20.000	-31.	38.	41.	46.	3.79	3.26	52.	.06	40.
9 12 54	28.	-20.000	-31.	38.	44.	48.	4.14	3.38	49.	.16	34.
9 13 4	27.	-20.000	-31.	37.	42.	47.	3.87	3.36	48.	.21	36.
9 13 9	27.	-20.000	-31.	37.	42.	47.	3.91	3.42	47.	.34	40.
9 13 14	27.	-20.000	-32.	36.	43.	47.	3.73	3.20	44.	.23	40.
9 13 19	27.	-20.000	-32.	37.	43.	47.	3.89	3.29	46.	.21	40.
9 13 29	35.	-20.000	-32.	35.	44.	62.	5.40	4.11	46.	.53	38.
9 13 34	39.	-20.000	-32.	35.	44.	62.	6.49	4.69	43.	.72	38.
9 13 39	33.	-20.000	-32.	37.	45.	55.	4.59	3.68	44.	.23	32.
9 13 44	31.	-20.000	-31.	37.	44.	50.	4.29	3.48	45.	.31	36.
9 13 49	29.	-20.000	-31.	37.	44.	52.	4.07	3.42	47.	.33	40.
9 13 54	26.	-20.000	-31.	38.	40.	46.	3.36	3.04	47.	.20	40.
9 14 9	25.	-20.000	-32.	37.	33.	40.	2.91	2.87	47.	-.02	39.
9 14 12	24.	-20.000	-31.	37.	34.	41.	2.93	2.85	47.	.11	36.
9 14 19	24.	-20.000	-32.	37.	34.	40.	3.07	2.50	47.	.06	38.
9 14 24	23.	-20.000	-32.	34.	34.	40.	3.03	2.89	46.	.06	40.
9 14 29	23.	-20.000	-31.	34.	35.	41.	3.09	2.85	46.	.22	37.
9 14 34	24.	-20.000	-31.	37.	34.	42.	3.15	2.94	45.	.24	38.
9 14 39	24.	-20.000	-32.	37.	33.	45.	3.32	3.03	47.	.20	39.
9 14 44	24.	-20.000	-32.	38.	33.	44.	3.32	3.09	46.	.14	33.
9 14 49	24.	-20.000	-31.	38.	31.	42.	3.19	3.05	44.	.12	39.
9 14 54	23.	-20.000	-32.	38.	32.	42.	3.10	3.01	45.	.20	39.
9 15 4	23.	-20.000	-31.	39.	35.	45.	3.30	3.15	43.	.18	38.
9 15 9	23.	-20.000	-32.	39.	36.	45.	3.24	2.84	40.	.14	38.
9 15 14	23.	-20.000	-32.	39.	35.	42.	3.19	2.74	43.	.29	32.
9 15 19	23.	-20.000	-32.	38.	35.	43.	3.28	2.89	44.	.19	35.
9 15 24	23.	-20.000	-32.	38.	32.	43.	3.26	2.82	44.	.02	38.
9 15 29	24.	-20.000	-32.	38.	32.	43.	3.27	2.87	44.	.04	39.
9 15 34	24.	-20.000	-31.	38.	33.	44.	3.36	3.11	43.	.12	37.
9 15 39	23.	-20.000	-32.	42.	33.	44.	3.35	3.10	43.	.13	38.
9 15 44	23.	-20.000	-32.	40.	36.	43.	3.29	2.97	42.	.14	39.
9 15 49	23.	-20.000	-31.	37.	35.	45.	3.28	3.05	41.	.09	39.
9 15 54	23.	-20.000	-32.	36.	35.	42.	3.05	2.90	41.	.29	38.
9 15 59	22.	-20.000	-31.	36.	33.	42.	3.05	2.95	43.	.13	38.
9 16 4	22.	-20.000	-32.	36.	32.	42.	2.96	2.83	43.	-.02	39.

TIME H/M/S	EC 27 MESS TOTAL JUNSTR SER AIR PRESS	EC 28 FLOWPR JUNSTR SV REC PV270- PV274	EC 39 PRESS STATIC JUNSTR JF PRIMRY MX	EC 29 TEMP AIR UPSTRM OF WATER SEP	EC 44 TEMP AIR JUNSTR OF CMPR	EC 45 TEMP AIR INLET ECS TURBIN	EC 46 TEMP AIR OUTLET ECS TURBIN	EC 47 PRESS ECS INLET	EC 48 PRESS STATIC ECS TURBIN OUTLET	EC 30 PRESS J-STRM OF WATER S-P	EC 32 TEMP AIR MAIN CABIN SUPPLY FLTUDE	EC 33 PRESS MAIN CABIN AT FLOW TUBE	EC 35 TEMP AIR FWJ EQUIP DAY VENTUR
9 15 55	26.	-20.000	-31.	36.	337.	150.	37.	52.	4.28	3.68	41.	31	38.
9 16 5	30.	-20.000	-31.	37.	351.	149.	42.	56.	4.48	3.05	42.	41	38.
9 16 10	34.	-20.000	-32.	37.	357.	152.	43.	64.	5.92	4.38	38.	47	38.
9 16 15	36.	-20.000	-32.	37.	362.	153.	47.	66.	6.26	4.52	38.	57	40.
9 16 20	41.	-20.000	-32.	39.	368.	158.	51.	75.	7.35	4.91	37.	54	37.
9 16 25	42.	-20.000	-31.	38.	381.	160.	54.	78.	7.78	5.30	37.	74	37.
9 16 35	46.	-20.000	-31.	38.	429.	157.	50.	83.	8.60	5.00	32.	1.09	38.
9 16 40	47.	-20.000	-31.	37.	425.	169.	50.	86.	8.96	5.17	34.	1.03	38.
9 16 45	49.	-20.000	-31.	37.	458.	176.	49.	87.	8.97	5.20	38.	94	38.
9 16 50	49.	-20.000	-32.	39.	443.	170.	48.	83.	8.07	5.57	38.	83	38.
9 16 55	48.	-20.000	-32.	38.	447.	178.	48.	72.	6.43	4.40	37.	56	38.
9 17 0	48.	-20.000	-31.	37.	460.	172.	46.	70.	6.01	4.28	37.	56	38.
9 17 5	48.	-20.000	-31.	37.	456.	172.	43.	75.	6.39	4.40	36.	82	36.
9 17 10	48.	-20.000	-31.	39.	458.	176.	42.	75.	6.57	4.59	36.	84	36.
9 17 16	49.	-20.000	-31.	38.	471.	174.	43.	75.	6.53	4.62	38.	73	38.
9 17 21	48.	-20.000	-31.	37.	457.	178.	40.	75.	6.39	4.59	39.	63	39.
9 17 26	48.	-20.000	-31.	37.	459.	179.	41.	75.	6.49	4.67	38.	62	39.
9 17 31	48.	-20.000	-31.	39.	492.	191.	42.	76.	6.41	4.46	37.	78	37.
9 17 36	48.	-20.000	-31.	39.	466.	180.	45.	75.	6.38	4.45	36.	74	37.
9 17 41	48.	-20.000	-31.	38.	484.	182.	40.	64.	6.26	4.50	39.	68	38.
9 17 46	48.	-20.000	-31.	38.	480.	184.	40.	70.	6.35	4.47	38.	65	38.
9 17 51	48.	-20.000	-31.	39.	494.	185.	42.	77.	6.33	4.52	38.	74	38.
9 17 56	48.	-20.000	-31.	38.	444.	186.	40.	77.	6.30	4.52	38.	58	38.
9 18 1	48.	-20.000	-31.	36.	472.	187.	40.	78.	6.39	4.57	37.	68	38.
9 18 6	47.	-20.000	-31.	37.	483.	185.	43.	77.	6.31	4.57	37.	68	38.
9 18 11	47.	-20.000	-31.	39.	488.	189.	42.	76.	5.83	4.30	44.	63	37.
9 18 16	48.	-20.000	-31.	37.	454.	190.	45.	74.	6.04	4.49	42.	71	38.
9 18 21	48.	-20.000	-31.	39.	486.	193.	43.	79.	6.10	4.61	38.	76	38.
9 18 26	48.	-20.000	-31.	38.	481.	193.	44.	77.	6.84	4.57	37.	78	38.
9 18 31	48.	-20.000	-31.	37.	488.	194.	40.	79.	5.83	4.54	36.	84	38.
9 18 41	48.	-20.000	-31.	37.	485.	195.	40.	79.	5.91	4.49	39.	78	38.
9 18 46	48.	-20.000	-32.	38.	505.	196.	37.	69.	5.35	4.59	112.	92	37.
9 18 51	48.	-20.000	-32.	39.	535.	196.	40.	66.	5.15	4.39	132.	87	38.
9 18 56	49.	-20.000	-31.	38.	497.	196.	41.	62.	4.32	3.93	172.	70	37.
9 19 1	49.	-20.000	-32.	37.	471.	194.	37.	61.	4.12	3.73	181.	72	38.
9 19 11	48.	-20.000	-32.	37.	455.	193.	36.	58.	3.40	3.34	205.	55	38.
9 19 16	48.	-20.000	-31.	33.	453.	193.	36.	51.	3.31	3.25	210.	59	39.
9 19 21	48.	-20.000	-31.	33.	471.	196.	30.	77.	5.73	4.71	90.	64	37.
9 19 26	48.	-20.000	-31.	33.	474.	201.	41.	82.	9.37	5.15	70.	63	36.
9 19 31	49.	-20.000	-32.	38.	493.	202.	43.	77.	5.69	4.44	43.	61	36.
9 19 36	49.	-20.000	-31.	38.	477.	204.	40.	72.	5.62	4.41	42.	57	37.
9 19 41	49.	-20.000	-31.	39.	478.	204.	38.	73.	4.99	4.13	48.	63	37.
9 19 46	48.	-20.000	-31.	35.	433.	205.	42.	71.	5.14	4.16	48.	63	37.
9 19 51	48.	-20.000	-31.	37.	459.	205.	42.	71.	5.10	4.13	40.	45	35.
9 19 56	48.	-20.000	-31.	37.	476.	205.	45.	76.	5.06	3.73	38.	50	37.
9 19 57	48.	-20.000	-31.	39.	493.	209.	41.	78.	5.87	3.99	39.	78	37.
									5.28	4.43	37.	78	38.

TIME MM/SS	EC 27 RESS TOTAL JMNSTR SER AIR PRESS	EC 28 FLOMPR JMNSTR SV REG PV273- PV274	EC 39 PRESS STATIC JMNSTR OF PRIMRY PK	EC 29 TEMP AIR UPSTRM OF WATER SEP	EC 44 TEMP AIR JMNSTR OF COMPR	EC 45 TEMP AIR INLET ECS TURBIN	EC 46 TEMP AIR OUTLET ECS TURBIN	EC 47 PRESS ECS TURBIN INLET	EC 48 PRESS STATIC ECS TURBIN OUTLET	EC 30 PRESS UPSTRM OF WATER SEP	EC 32 TEMP AIR MAIN CABIN SUPPLY FLTUPE	EC 33 PRESS MAIN CABIN AT FLOW TUBE	EC 35 TEMP AIR FMJ EQUIP BAY VENTUR
9 20 2	48.	-20.000	-31.	39.	434.	210.	40.	78.	5.34	4.42	37.	-76	36.
9 20 7	48.	-20.000	-31.	37.	483.	211.	44.	81.	5.01	4.89	37.	-82	32.
9 20 12	48.	-20.000	-31.	36.	483.	210.	45.	81.	5.61	4.60	37.	-80	35.
9 20 17	48.	-20.000	-31.	39.	500.	215.	43.	79.	5.38	4.50	37.	-63	37.
9 20 22	48.	-20.000	-31.	37.	503.	215.	46.	80.	5.36	4.43	38.	-65	38.
9 20 27	48.	-20.000	-31.	35.	488.	217.	47.	81.	5.32	4.54	38.	-76	39.
9 20 32	48.	-20.000	-31.	35.	500.	217.	47.	80.	5.22	4.42	37.	-69	38.
9 20 37	48.	-20.000	-32.	37.	522.	218.	43.	78.	5.84	4.52	141.	-88	40.
9 20 42	48.	-20.000	-32.	39.	511.	217.	40.	68.	4.81	4.29	156.	-80	40.
9 20 47	48.	-20.000	-32.	40.	501.	219.	42.	60.	4.07	3.68	190.	-57	40.
9 20 52	48.	-20.000	-32.	48.	485.	219.	41.	59.	3.92	3.57	195.	-65	40.
9 20 57	48.	-20.000	-31.	42.	472.	217.	46.	55.	3.60	3.42	216.	-78	42.
9 21 2	48.	-20.000	-31.	44.	488.	218.	44.	54.	3.34	3.55	221.	-68	42.
9 21 7	48.	-20.000	-31.	35.	431.	217.	39.	81.	5.34	4.83	90.	-49	41.
9 21 17	48.	-20.000	-31.	34.	490.	218.	38.	82.	5.65	4.93	70.	-84	40.
9 21 17	48.	-20.000	-31.	38.	513.	220.	44.	78.	5.02	4.22	44.	-57	38.
9 21 22	48.	-20.000	-31.	38.	500.	221.	40.	77.	4.99	4.24	42.	-51	38.
9 21 27	49.	-20.000	-31.	35.	436.	222.	39.	74.	4.52	4.01	42.	-47	39.
9 21 32	49.	-20.000	-31.	38.	496.	222.	39.	73.	4.50	3.94	42.	-51	39.
9 21 37	48.	-20.000	-31.	39.	431.	220.	39.	71.	4.34	3.79	40.	-47	39.
9 21 47	47.	-20.000	-31.	39.	480.	222.	39.	71.	4.36	3.80	39.	-43	39.
9 21 52	39.	-20.000	-31.	39.	507.	223.	31.	70.	4.38	3.75	40.	-55	38.
9 21 57	38.	-20.000	-31.	36.	493.	223.	32.	70.	4.38	3.79	40.	-42	39.
9 22 2	37.	-20.000	-31.	35.	496.	219.	41.	69.	4.22	3.71	40.	-37	40.
9 22 7	37.	-20.000	-31.	37.	483.	219.	41.	70.	4.31	3.80	41.	-47	40.
9 22 12	37.	-20.000	-32.	32.	433.	221.	39.	65.	4.26	3.83	39.	-49	39.
9 22 17	37.	-20.000	-31.	34.	486.	219.	43.	65.	4.28	3.78	38.	-33	39.
9 22 22	37.	-20.000	-31.	34.	483.	219.	41.	65.	4.44	4.03	41.	-47	38.
9 22 27	37.	-20.000	-32.	37.	455.	220.	41.	65.	4.38	3.90	40.	-40	36.
9 22 32	36.	-20.000	-32.	37.	475.	219.	38.	69.	4.38	3.75	39.	-29	39.
9 22 37	35.	-20.000	-31.	40.	473.	219.	38.	65.	4.28	3.69	39.	-34	39.
9 22 42	35.	-20.000	-31.	40.	457.	221.	35.	64.	4.40	3.81	114.	-84	39.
9 22 47	35.	-20.000	-32.	40.	457.	221.	35.	64.	4.38	3.79	133.	-72	40.
9 22 52	35.	-20.000	-32.	40.	455.	219.	39.	63.	4.36	3.77	165.	-63	39.
9 22 57	35.	-20.000	-32.	34.	463.	217.	44.	64.	4.31	3.78	166.	-66	39.
9 23 2	35.	-20.000	-32.	34.	443.	219.	41.	65.	4.30	3.66	169.	-60	38.
9 23 7	36.	-20.000	-31.	37.	443.	221.	39.	69.	4.20	3.83	170.	-71	38.
9 23 12	36.	-20.000	-31.	39.	442.	221.	36.	71.	4.33	3.90	112.	-65	38.
9 23 17	37.	-20.000	-31.	35.	444.	219.	39.	70.	4.46	4.01	50.	-49	38.
9 23 22	36.	-20.000	-32.	37.	445.	219.	37.	71.	4.45	4.02	47.	-52	38.
9 23 27	36.	-20.000	-32.	37.	464.	219.	39.	70.	4.38	3.97	42.	-37	38.
9 23 32	36.	-20.000	-32.	37.	457.	219.	38.	70.	4.57	4.03	41.	-45	38.
9 23 37	36.	-20.000	-31.	38.	454.	219.	37.	69.	4.36	3.83	40.	-43	32.
9 23 42	36.	-20.000	-32.	38.	452.	219.	37.	69.	4.35	3.81	39.	-42	35.
9 23 47	37.	-20.000	-31.	35.	473.	219.	37.	69.	4.44	3.81	39.	-51	38.
9 23 52	36.	-20.000	-32.	37.	465.	219.	39.	70.	4.44	3.84	39.	-40	38.
9 23 57	36.	-20.000	-31.	38.	472.	220.	36.	69.	4.40	3.79	37.	-33	38.
9 24 2	36.	-20.000	-32.	38.	453.	220.	37.	69.	4.68	4.07	38.	-1.05	41.

TIME H/M/S	EC 27 PRESS TOTAL OHNSTR SER AIR PRESS	EC 28 FLOW OHNSTR OF SV KEG PY270- PY274	EC 39 PRESS STATL OHNSTR OF PRIMRY MX	EC 29 TEMP AIR UPSTR4 OF WATER SEP	EC 44 TEMP AIR OHNSTR OF COMPR	EC 45 TEMP AIR INLET ECS TURBIN	EC 46 TEMP AIR OUTLET ECS TURBIN	EC 47 PRESS ECS TURBIN INLET	EC 48 PRESS STATIC ECS TURBIN OUTLET	EC 30 PRESS UPSTRM JF WATER SEP	EC 32 TEMP AIR MAIN CABIN SUPPLY FLUTBE	EC 33 PRESS MAIN CABIN AT FLOW TUBE	EC 35 TEMP AIR FWD EQUIP BAY VENTUR
9 24 8	36.	-20.000	-31.	35.	400.	219.	30.	69.	4.30	3.83	39.	.37	30.
9 24 13	36.	-20.000	-31.	36.	458.	219.	39.	71.	4.42	3.99	40.	.39	30.
9 24 23	37.	-20.000	-31.	39.	454.	220.	35.	71.	4.38	3.93	40.	.45	39.
9 24 23	29.	-20.000	-31.	43.	442.	218.	42.	57.	3.98	3.22	41.	.22	41.
9 28 16	22.	-20.000	-31.	51.	337.	217.	50.	43.	2.75	2.79	66.	.12	52.
9 28 21	23.	-20.000	-31.	52.	362.	217.	50.	43.	2.82	2.87	67.	.17	52.
9 28 34	22.	-20.000	-31.	51.	351.	215.	55.	47.	2.76	2.82	66.	.16	48.
9 28 31	22.	-20.000	-32.	52.	355.	216.	54.	46.	2.74	2.82	66.	.15	49.
9 28 36	21.	-20.000	-32.	51.	355.	210.	49.	42.	2.74	2.84	65.	0.00	52.
9 28 41	22.	-20.000	-32.	51.	353.	217.	50.	44.	2.74	2.64	65.	0.00	53.
9 28 46	22.	-20.000	-32.	52.	344.	217.	51.	43.	2.70	2.70	66.	.25	48.
9 28 56	22.	-20.000	-32.	51.	345.	217.	53.	44.	2.68	2.75	66.	.15	50.
9 29 1	22.	-20.000	-31.	51.	340.	215.	53.	44.	2.72	2.74	66.	.20	53.
9 29 6	22.	-20.000	-32.	51.	345.	217.	54.	41.	2.64	2.51	66.	.10	51.
9 29 11	20.	-20.000	-31.	51.	349.	218.	53.	44.	2.74	2.82	67.	.12	53.
9 29 16	21.	-20.000	-32.	53.	340.	217.	52.	44.	2.74	2.82	66.	.13	53.
9 29 21	21.	-20.000	-31.	51.	345.	218.	50.	43.	2.70	2.82	66.	.06	52.
9 29 26	22.	-20.000	-31.	51.	354.	218.	52.	44.	2.71	2.81	66.	.03	53.
9 29 31	22.	-20.000	-32.	51.	353.	216.	54.	45.	2.48	2.80	65.	.04	51.
9 29 36	22.	-20.000	-31.	51.	365.	217.	53.	45.	2.61	2.82	66.	.09	52.
9 29 41	22.	-20.000	-32.	52.	337.	216.	56.	43.	2.62	2.74	58.	0.00	52.
9 29 47	22.	-20.000	-31.	52.	350.	216.	53.	44.	2.70	2.78	61.	.10	52.
9 29 52	22.	-20.000	-32.	49.	340.	217.	50.	43.	2.74	2.62	67.	.04	53.
9 29 57	22.	-20.000	-32.	53.	346.	217.	51.	44.	2.69	2.66	66.	.02	53.
9 30 2	22.	-20.000	-32.	52.	360.	216.	52.	44.	2.74	2.74	65.	.20	53.
9 30 7	22.	-20.000	-32.	52.	355.	217.	53.	40.	2.01	2.70	66.	.12	52.
9 30 12	22.	-20.000	-31.	51.	370.	219.	54.	45.	2.64	2.37	65.	.04	52.
9 30 17	21.	-20.000	-31.	51.	368.	218.	53.	44.	2.73	2.61	65.	.04	52.
9 30 22	21.	-20.000	-32.	51.	344.	217.	51.	43.	2.58	2.60	66.	.04	51.
9 30 27	21.	-20.000	-32.	50.	347.	217.	51.	44.	2.61	2.65	66.	.03	52.
9 30 32	22.	-20.000	-31.	52.	375.	216.	53.	47.	2.80	2.74	66.	.12	52.
9 30 37	22.	-20.000	-32.	51.	337.	216.	52.	45.	2.72	2.71	66.	.03	52.
9 30 42	21.	-20.000	-32.	51.	342.	217.	48.	43.	2.64	2.60	64.	.04	51.
9 30 47	22.	-20.000	-31.	51.	351.	217.	51.	44.	2.73	2.74	65.	.01	52.
9 30 52	22.	-20.000	-32.	48.	374.	215.	52.	46.	2.80	2.80	66.	.12	52.
9 31 2	22.	-20.000	-32.	49.	365.	217.	53.	45.	2.74	2.74	66.	.09	51.
9 31 7	22.	-20.000	-32.	51.	337.	217.	52.	44.	2.66	2.74	65.	.20	50.
9 31 12	22.	-20.000	-32.	51.	348.	217.	52.	44.	2.08	2.76	65.	.11	51.
9 31 17	22.	-20.000	-32.	51.	347.	218.	49.	43.	2.64	2.66	65.	.12	48.
9 31 22	22.	-20.000	-31.	52.	353.	216.	54.	46.	2.63	2.66	66.	.05	50.
9 31 27	22.	-20.000	-31.	51.	351.	216.	52.	46.	2.70	2.82	65.	.12	52.
9 31 32	21.	-20.000	-32.	50.	337.	219.	52.	46.	2.77	2.82	66.	.10	52.
9 31 37	21.	-20.000	-32.	51.	347.	218.	51.	42.	2.62	2.64	64.	.04	52.
9 31 42	26.	-20.000	-31.	48.	358.	220.	48.	43.	2.62	2.65	65.	.04	52.
9 31 47	27.	-20.000	-32.	45.	355.	220.	44.	56.	3.28	3.13	64.	.31	50.
9 31 52	35.	-20.000	-31.	39.	379.	219.	44.	70.	3.44	3.27	60.	.35	50.
9 31 57	37.	-20.000	-32.	37.	332.	217.	36.	75.	4.44	4.36	48.	.62	46.
9 31 57	40.	-20.000	-31.	33.	400.	210.	37.	80.	5.43	4.52	40.	.78	39.

TIME M/M/S	EC 27 RESS TOTAL DWNSTR SER AIR PRESS	EC 28 FLOMPR DWNSTR OF SV REG PY270- PY274	EC 33 PRESS STATIC JANSTR OF PRIMRY HX	EC 23 TEMP AIR UPSTRM OF WATER SEP	EC 44 TEMP AIR DWNSTR OF CJMPR	EC 45 TEMP AIR INLET ECS TURBIN	EC 46 TEMP AIR OUTLET ECS TURBIN	EC 47 PRESS ECS TURBIN INLET	EC 48 PRESS STATIC ECS TURBIN OUTLET	EC 30 PRESS UPSTRM OF WATER SEP	EC 32 TEMP AIR MAIN CABIN AT SUPPLY FLTUBE	EC 33 PRESS MAIN CABIN AT FLOW TUBE	EC 35 TEMP AIR FMJ EQUIP BAY VENTUR
9 32 2	41.	-20.000	-31.	35.	421.	219.	38.	80.	5.52	4.64	39.	.73	39.
9 32 7	41.	-20.000	-32.	37.	454.	221.	39.	79.	5.45	4.52	39.	.45	40.
9 32 12	41.	-20.000	-31.	37.	457.	221.	40.	80.	5.48	4.53	39.	.61	41.
9 32 17	42.	-20.000	-31.	37.	483.	222.	41.	80.	5.32	4.67	39.	.72	39.
9 32 22	42.	-20.000	-31.	37.	482.	222.	41.	80.	5.32	4.60	38.	.67	39.
9 32 28	42.	-20.000	-31.	37.	503.	223.	37.	80.	5.34	4.57	40.	.61	39.
9 32 33	42.	-20.000	-32.	38.	513.	222.	36.	80.	5.25	4.50	40.	.55	39.
9 32 38	43.	-20.000	-31.	36.	505.	222.	40.	77.	5.18	4.42	40.	.59	40.
9 32 43	43.	-20.000	-31.	37.	505.	223.	39.	79.	5.31	4.60	38.	.69	39.
9 32 48	45.	-20.000	-31.	38.	510.	221.	38.	84.	5.53	4.81	37.	.72	37.
9 32 53	45.	-20.000	-31.	37.	507.	221.	41.	84.	5.69	4.93	38.	.78	36.
9 32 58	47.	-20.000	-31.	37.	545.	223.	40.	90.	6.39	5.14	39.	.72	39.
9 33 3	48.	-20.000	-31.	37.	534.	222.	42.	86.	6.01	4.79	37.	.71	39.
9 33 8	50.	-20.000	-31.	38.	527.	223.	44.	79.	5.12	4.52	39.	.68	39.
9 33 13	49.	-20.000	-31.	38.	526.	221.	42.	79.	5.09	4.25	39.	.69	39.
9 33 18	49.	-20.000	-31.	37.	523.	221.	39.	78.	5.00	4.42	38.	.76	39.
9 33 23	49.	-20.000	-31.	37.	525.	222.	40.	79.	5.07	4.54	38.	.76	39.
9 33 28	50.	-20.000	-31.	37.	558.	222.	40.	79.	5.20	4.36	36.	.61	35.
9 33 33	50.	-20.000	-31.	37.	554.	223.	41.	80.	5.04	4.49	34.	.60	37.
9 33 38	49.	-20.000	-32.	37.	578.	224.	44.	76.	5.04	4.42	39.	.66	37.
9 33 43	49.	-20.000	-31.	37.	568.	224.	45.	78.	5.24	4.63	39.	.69	38.
9 33 48	49.	-20.000	-30.	39.	554.	224.	42.	83.	5.24	4.61	39.	.74	38.
9 33 53	49.	-20.000	-31.	38.	558.	222.	42.	82.	5.10	4.39	39.	.66	38.
9 34 8	49.	-20.000	-31.	37.	540.	221.	41.	78.	5.14	4.50	38.	.74	37.
9 34 13	49.	-20.000	-32.	37.	582.	222.	41.	80.	5.23	4.53	38.	.68	41.
9 34 18	49.	-20.000	-31.	37.	608.	219.	40.	78.	5.23	4.48	36.	.63	38.
9 34 23	50.	-20.000	-31.	37.	592.	221.	41.	80.	5.23	4.59	37.	.65	38.
9 34 28	49.	-20.000	-31.	37.	600.	223.	40.	80.	5.14	4.54	39.	.65	39.
9 34 33	49.	-20.000	-31.	37.	587.	224.	40.	81.	5.19	4.59	38.	.63	39.
9 34 38	23.	-20.000	-31.	48.	572.	221.	46.	38.	1.90	1.96	48.	-.10	40.
9 34 43	22.	-20.000	-31.	51.	552.	220.	53.	37.	1.90	2.00	43.	0.00	44.
9 34 48	22.	-20.000	-31.	56.	494.	221.	54.	40.	2.25	2.25	46.	.12	50.
9 34 53	23.	-20.000	-31.	56.	443.	219.	57.	39.	2.23	2.28	44.	.05	50.
9 34 58	22.	-20.000	-32.	55.	444.	216.	56.	43.	2.35	2.46	49.	.06	49.
9 35 4	19.	-20.000	-31.	52.	420.	220.	54.	42.	2.27	2.39	49.	.05	51.
9 35 9	16.	-20.000	-31.	55.	413.	219.	54.	37.	2.42	2.50	53.	.04	53.
9 35 14	16.	-20.000	-32.	64.	408.	217.	58.	30.	1.39	2.11	53.	-.02	54.
9 35 19	15.	-20.000	-32.	64.	401.	217.	70.	24.	1.39	1.39	54.	-.06	53.
9 35 24	15.	-20.000	-32.	68.	394.	217.	69.	29.	1.31	1.32	54.	-.03	56.
9 35 29	15.	-20.000	-32.	67.	382.	213.	68.	30.	1.21	1.33	56.	0.00	59.
9 35 34	15.	-20.000	-31.	68.	355.	217.	71.	31.	1.25	1.35	56.	.10	59.
9 35 39	16.	-20.000	-31.	67.	343.	217.	68.	32.	1.13	1.23	56.	.10	60.
9 35 44	16.	-20.000	-32.	69.	337.	216.	65.	32.	1.24	1.34	59.	.08	60.
9 35 49	16.	-20.000	-32.	68.	336.	217.	65.	33.	1.27	1.39	58.	0.00	63.
9 35 54	15.	-20.000	-32.	66.	357.	210.	61.	31.	1.30	1.32	58.	.04	62.
9 35 59	15.	-20.000	-32.	66.	353.	217.	63.	27.	1.13	1.17	57.	-.02	61.
9 36 4	15.	-20.000	-31.	65.	352.	217.	60.	18.	1.11	1.15	59.	.06	62.
					342.	217.	60.	26.	1.16	1.24	60.	.10	62.

TIME MM/SS	EC 27 RESS TOTAL	EC 28 FLOMR JMNSTR OF SV REG PY270- PY274	EC 29 TEMP AIR UPSTRM OF WATER SEP	EC 44 TEMP AIR JMNSTR OF CMRPR	EC 45 TEMP AIR INLET TURBIN	EC 46 TEMP AIR OUTLET ECS TURBIN	EC 47 PRESS ECS TURBIN INLET	EC 48 PRESS STATIC ECS TURBIN OUTLET	EC 30 PRESS UPSTRM OF WATER SEP	EC 32 TEMP AIR MAIN SUPPLY FLUTBE	EC 33 PRESS MAIN CABIN AT FLOW TUBE	EC 35 TEMP AIR FWD EQUIP HAY VENTUR
9 36 9	15.	-20.000	-31.	351.	217.	64.	27.	1.21	1.17	58.	.08	63.
9 36 14	15.	-20.000	-31.	339.	215.	54.	30.	1.21	1.22	60.	.08	63.
9 36 19	15.	-20.000	-32.	322.	217.	57.	32.	1.25	1.23	61.	0.00	65.
9 36 24	15.	-20.000	-32.	328.	217.	66.	32.	1.20	1.24	61.	.09	64.
9 36 29	15.	-20.000	-31.	320.	216.	66.	31.	1.08	1.33	64.	.06	65.
9 36 34	15.	-20.000	-31.	326.	216.	65.	32.	1.09	1.30	64.	.03	64.
9 36 44	15.	-20.000	-32.	339.	214.	65.	31.	1.11	1.08	65.	.08	64.
9 36 49	15.	-20.000	-32.	331.	214.	63.	32.	1.16	1.13	66.	.04	64.
9 36 54	14.	-20.000	-32.	344.	198.	63.	30.	1.02	1.09	67.	.06	64.
9 36 59	14.	-20.000	-32.	333.	206.	63.	30.	1.05	1.13	68.	.03	64.
9 37 4	15.	-20.000	-31.	330.	215.	61.	33.	1.13	1.23	71.	.00	65.
9 37 9	15.	-20.000	-31.	319.	216.	54.	33.	1.17	1.25	70.	.02	64.
9 37 14	15.	-20.000	-32.	311.	213.	66.	33.	1.19	1.15	71.	.06	69.
9 37 19	16.	-20.000	-32.	317.	213.	65.	33.	1.21	1.24	71.	.01	66.
9 37 24	15.	-20.000	-32.	310.	216.	64.	31.	1.14	1.06	73.	.01	61.
9 37 29	16.	-20.000	-31.	325.	210.	60.	33.	1.23	1.37	72.	.00	64.
9 37 34	16.	-20.000	-31.	322.	211.	60.	34.	1.32	1.43	73.	.06	64.
9 37 40	22.	-20.000	-31.	330.	213.	47.	47.	2.13	2.21	76.	0.00	59.
9 37 45	21.	-20.000	-31.	349.	213.	46.	45.	2.06	2.14	76.	.06	57.
9 37 50	22.	-20.000	-33.	334.	212.	45.	44.	2.31	2.27	77.	.02	53.
9 37 55	22.	-20.000	-33.	343.	213.	48.	44.	2.25	2.29	78.	.05	53.
9 38 0	21.	-20.000	-32.	375.	215.	48.	44.	2.07	2.19	83.	.08	53.
9 38 5	21.	-20.000	-32.	379.	215.	45.	43.	2.13	2.23	81.	.11	50.
9 38 10	21.	-20.000	-31.	371.	215.	46.	44.	2.07	2.21	80.	.12	53.
9 38 15	21.	-20.000	-31.	378.	216.	47.	43.	2.13	2.22	81.	.15	52.
9 38 20	22.	-20.000	-32.	373.	217.	49.	45.	2.31	2.37	81.	.02	51.
9 38 25	22.	-20.000	-32.	372.	217.	46.	43.	2.25	2.28	81.	.07	51.
9 38 30	21.	-20.000	-31.	369.	217.	45.	43.	2.31	2.25	82.	0.00	51.
9 38 35	22.	-20.000	-32.	375.	217.	45.	43.	2.24	2.20	83.	.02	51.
9 38 40	22.	-20.000	-32.	364.	217.	48.	41.	2.17	2.27	89.	0.00	51.
9 38 45	21.	-20.000	-32.	359.	217.	49.	42.	2.20	2.24	87.	.06	51.
9 38 50	21.	-20.000	-31.	366.	217.	50.	43.	2.29	2.25	86.	.14	52.
9 39 5	21.	-20.000	-32.	365.	217.	53.	43.	2.32	2.20	87.	.11	51.
9 39 10	21.	-20.000	-33.	357.	217.	48.	39.	2.35	2.17	86.	.04	51.
9 39 15	21.	-20.000	-32.	361.	217.	48.	40.	2.41	2.35	87.	.05	51.
9 39 20	22.	-20.000	-31.	352.	217.	51.	44.	2.68	2.48	89.	.02	52.
9 39 25	22.	-20.000	-32.	352.	217.	54.	43.	2.64	2.55	90.	.02	52.
9 39 30	22.	-20.000	-32.	374.	210.	50.	43.	2.89	2.68	92.	.02	53.
9 39 35	22.	-20.000	-31.	375.	218.	52.	43.	2.78	2.59	90.	.12	53.
9 39 40	22.	-20.000	-32.	355.	217.	46.	42.	2.74	2.72	74.	.02	53.
9 39 45	21.	-20.000	-32.	358.	218.	50.	41.	2.68	2.65	69.	.03	53.
9 40 0	22.	-20.000	-32.	352.	218.	50.	43.	2.66	2.82	71.	.04	53.
9 40 5	22.	-20.000	-32.	365.	218.	54.	43.	2.66	2.67	72.	.04	53.
9 40 10	22.	-20.000	-32.	360.	217.	56.	43.	2.66	2.66	72.	.20	52.
9 40 15	21.	-20.000	-32.	363.	217.	54.	43.	2.53	2.37	70.	.16	52.
9 40 20	27.	-20.000	-32.	373.	217.	46.	56.	3.52	3.30	64.	.35	49.
9 40 25	31.	-20.000	-32.	367.	218.	43.	63.	4.01	3.69	57.	.41	47.
9 40 30	36.	-20.000	-32.	413.	219.	37.	71.	4.91	4.30	44.	.61	41.

TIME H/M/S	EC 27 RESS TOTAL SER AIR PRESS	EC 20 FLOPMR JMNSTR OF SV REG PY270- PY274	EC 39 PRESS STATIC JF PRIMRY HX	EC 29 TEMP AIR UPSTR4 OF WATER SEP	EC 44 TEMP AIR DWNSTR OF COMPR	EC 45 TEMP AIR INLET ECS TURBIN	EC 46 TEMP AIR OUTLET ECS TURBIN	EC 47 PRESS ECS TURBIN INLET	EC 48 PRESS STATIC ECS TURBIN OUTLET	EC 30 PRESS JF WATER SEP	EC 32 TEMP AIR MAIN CABIN SUPPLY FLUVE	EC 33 PRESS MAIN CABIN AT FLOW TUBE	EC 35 TEMP AIR FWD EQUIP BAY VENTUR
10 0 42	36.	-20.000	-32.	33.	415.	219.	39.	72.	4.98	4.31	43.	.61	40.
10 0 47	37.	-20.000	-31.	36.	425.	209.	43.	74.	4.89	4.05	46.	.53	40.
10 0 52	37.	-20.000	-31.	36.	445.	215.	41.	73.	4.92	4.00	43.	.51	40.
10 1 2	38.	-20.000	-31.	36.	452.	220.	45.	70.	5.00	4.14	41.	.59	40.
10 1 12	38.	-20.000	-31.	37.	457.	220.	42.	71.	4.93	4.19	40.	.52	39.
10 1 17	38.	-20.000	-32.	39.	463.	219.	40.	70.	4.97	4.20	39.	.65	40.
10 1 22	40.	-20.000	-32.	36.	474.	219.	42.	75.	5.20	4.41	39.	.63	39.
10 1 27	46.	-20.000	-32.	37.	481.	221.	35.	86.	5.94	5.38	39.	.94	32.
10 1 32	47.	-20.000	-32.	34.	488.	221.	37.	89.	7.12	5.51	38.	.93	35.
10 1 37	48.	-20.000	-31.	38.	516.	221.	36.	89.	7.27	5.30	37.	.82	39.
10 1 42	48.	-20.000	-32.	38.	523.	222.	38.	88.	7.23	5.35	37.	.83	38.
10 1 47	48.	-20.000	-31.	38.	541.	223.	39.	87.	6.31	5.14	37.	.90	39.
10 1 52	48.	-20.000	-31.	37.	533.	223.	42.	83.	5.91	4.90	64.	.65	39.
10 2 7	49.	-20.000	-31.	39.	525.	222.	40.	73.	5.20	4.14	37.	.68	39.
10 2 12	48.	-20.000	-31.	35.	530.	221.	45.	75.	5.23	4.26	38.	.65	39.
10 2 17	48.	-20.000	-32.	35.	516.	222.	45.	76.	5.22	4.46	39.	.70	39.
10 2 22	48.	-20.000	-32.	37.	519.	222.	44.	77.	5.27	4.52	39.	.71	38.
10 2 27	48.	-20.000	-31.	37.	515.	222.	45.	77.	5.38	4.57	36.	.78	37.
10 2 32	48.	-20.000	-31.	37.	527.	223.	45.	78.	5.35	4.54	37.	.54	37.
10 2 37	49.	-20.000	-31.	37.	540.	223.	41.	79.	5.40	4.48	37.	.53	38.
10 2 42	49.	-20.000	-31.	38.	530.	222.	39.	75.	5.42	4.55	37.	.58	38.
10 2 47	45.	-20.000	-31.	37.	540.	219.	49.	74.	4.91	4.09	39.	.60	39.
10 2 52	30.	-20.000	-31.	43.	510.	219.	57.	51.	3.84	2.78	40.	.24	42.
10 3 7	16.	-20.000	-31.	66.	463.	213.	57.	31.	1.41	1.49	44.	.00	52.
10 3 12	17.	-20.000	-31.	67.	439.	219.	71.	30.	1.45	1.47	44.	.07	52.
10 3 17	16.	-20.000	-31.	69.	393.	220.	72.	28.	1.41	1.41	44.	.12	56.
10 3 22	16.	-20.000	-31.	68.	394.	219.	72.	29.	1.36	1.34	46.	.08	56.
10 3 27	16.	-20.000	-32.	69.	375.	214.	71.	29.	1.31	1.04	47.	.10	58.
10 3 32	16.	-20.000	-32.	68.	364.	217.	59.	31.	1.25	1.15	48.	.05	58.
10 3 37	16.	-20.000	-31.	68.	355.	217.	66.	31.	1.27	1.06	52.	.04	59.
10 3 42	16.	-20.000	-32.	69.	373.	217.	58.	31.	1.21	1.21	52.	.07	59.
10 3 47	21.	-20.000	-32.	50.	373.	217.	53.	43.	1.97	1.94	52.	.16	58.
10 3 52	21.	-20.000	-32.	50.	374.	217.	53.	43.	1.92	1.90	53.	.14	55.
10 4 7	23.	-20.000	-31.	50.	379.	217.	42.	46.	2.40	2.19	56.	.14	50.
10 4 12	23.	-20.000	-32.	47.	373.	217.	43.	46.	2.40	2.31	55.	.10	51.
10 4 17	23.	-20.000	-31.	42.	350.	218.	47.	46.	2.52	2.33	54.	.04	50.
10 4 22	23.	-20.000	-32.	44.	371.	217.	49.	46.	2.59	2.47	56.	.17	50.
10 4 27	9.	-20.000	-32.	54.	335.	216.	60.	22.	.76	.94	58.	.00	42.
10 4 32	6.	-20.000	-33.	76.	343.	216.	94.	13.	.47	.58	58.	.00	50.
10 4 37	-0.	-20.000	-34.	114.	246.	217.	150.	3.	3.30	.12	58.	-.12	63.
10 4 42	-0.	-20.000	-34.	111.	236.	216.	144.	1.	.05	.16	62.	-.10	58.
10 4 47	-1.	-20.000	-34.	96.	293.	216.	116.	-2.	.06	.22	61.	-.14	60.

C COMMUTATOR

TIME H/M/S	EC 49 TEMP AIR DINSTR OF 101 AR SENSOR	EC 50 PRESS STATIC DINSTR HOT AIR SENSOR	EC 36 PRESS STATIC FWU EQUIP BAYATV ENTUR	EC 38 TEMP AIR DINSTR OF PRI MX	EC 54 PRESS REF COARSE	EC 63 PRESS STATIC SVC AR MX RAM INLET HEATER	EC 64 PRESS STATIC SERVICE AIR MX	EC 40 TEMP AIR RAM INLET R/H MX PRI MX	EC 99 TEMP AMB FIN TIP COMPT	EC 100 TEMP AMB FIN TIP COMPT	EC 101 TEMP AMB FIN TIP COMPT	EC 52 TEMP SOUTLE TRAIN REMOV LNOZZL E	EC 53 PRESS RAIN REMOVL NOZZLE OUTLET L/H
0 57 9	120.	-1.	.14	119.	29.80	.04	0.0	116.	150.18	159.5	205.4	127.	-100.
0 57 14	121.	-1.	.17	112.	29.80	.01	-0.2	115.	150.18	159.5	205.4	126.	-100.
0 57 19	120.	-2.	.09	93.	29.58	-.01	0.0	129.	151.47	159.5	186.7	121.	-100.
0 57 24	120.	-2.	.13	103.	29.50	-.01	-0.0	123.	161.15	159.5	205.6	121.	-100.
0 57 29	120.	-2.	0.00	115.	29.32	.04	0.0	119.	160.18	158.9	205.4	127.	-100.
0 57 42	119.	-2.	.04	122.	29.53	.03	-0.1	116.	160.50	158.6	205.7	125.	-100.
0 57 39	120.	-2.	.23	128.	30.10	.03	0.0	127.	160.18	158.2	213.7	127.	-100.
0 57 49	120.	-2.	.15	131.	29.32	.05	-0.0	119.	160.82	158.9	218.8	125.	-100.
0 57 54	120.	-1.	.12	99.	29.50	0.00	-0.2	108.	160.82	158.2	225.1	127.	-100.
0 57 59	121.	-2.	.07	116.	29.59	.01	-0.1	116.	160.82	158.2	218.5	127.	-100.
0 58 4	121.	-2.	.15	85.	29.86	0.00	-0.1	95.	164.06	153.5	218.5	125.	-100.
0 58 9	120.	-2.	.15	104.	29.35	.02	-0.2	108.	164.06	153.5	194.7	126.	-100.
0 58 9	119.	-2.	.27	106.	29.50	-.00	-0.2	103.	160.82	158.9	191.9	127.	-100.
0 58 14	119.	-2.	.22	119.	29.59	.01	0.0	127.	160.82	158.9	191.9	127.	-100.
0 58 19	120.	-2.	.22	127.	29.92	.00	-0.1	113.	159.53	158.9	203.5	126.	-100.
0 58 24	120.	-2.	.15	125.	29.86	.01	-0.1	113.	159.85	157.9	204.4	126.	-100.
0 58 29	120.	-2.	.32	93.	29.71	.00	-0.2	108.	159.85	158.6	206.8	126.	-100.
0 58 34	120.	-2.	.02	111.	29.56	0.00	-0.1	116.	160.18	159.5	213.0	127.	-100.
0 58 40	121.	-2.	.09	116.	29.85	.02	0.0	114.	159.85	159.5	215.6	127.	-100.
0 58 45	120.	-2.	.04	129.	29.32	.05	0.0	117.	161.47	159.5	195.1	127.	-100.
0 58 50	118.	-2.	.04	129.	29.83	.04	-0.0	116.	163.50	159.5	206.3	127.	-100.
0 58 55	119.	-2.	.12	129.	29.44	0.00	-0.1	116.	160.18	159.5	198.4	127.	-100.
0 59 0	120.	-1.	.05	77.	29.44	.00	-0.1	116.	160.18	159.5	198.4	127.	-100.
0 59 5	120.	-2.	.10	103.	29.71	.03	-0.0	119.	159.85	158.9	209.8	127.	-100.
0 59 10	120.	-2.	0.00	116.	29.62	0.00	-0.3	125.	160.18	158.9	223.2	127.	-100.
0 59 15	120.	-2.	-.02	121.	29.80	.01	-0.3	129.	158.56	154.2	218.4	127.	-100.
0 59 20	120.	-1.	.29	105.	29.82	-.02	-0.1	99.	160.82	159.5	177.8	128.	-100.
9 10 18	124.	12.	.16	115.	29.56	-.01	-0.1	112.	161.15	159.5	196.6	130.	-100.
9 10 23	130.	26.	.31	125.	29.53	-.00	-0.1	116.	161.47	160.2	191.9	129.	-100.
9 10 28	131.	26.	.21	120.	29.50	0.00	-0.2	123.	161.47	159.9	190.3	128.	-100.
9 10 33	130.	27.	.18	105.	29.50	0.00	-0.3	123.	161.47	160.2	218.8	123.	-100.
9 10 38	131.	27.	.03	118.	29.53	.00	-0.1	125.	162.76	159.5	233.1	126.	-100.
9 10 43	134.	28.	-.02	125.	29.32	.01	-0.0	114.	160.18	156.9	244.2	130.	-100.
9 10 53	137.	30.	.11	113.	29.77	.02	0.0	110.	160.18	158.2	213.9	127.	-100.
9 10 58	141.	33.	.05	124.	29.56	.01	-0.1	115.	160.82	159.5	240.1	126.	-100.
9 11 3	143.	34.	.21	119.	29.53	.01	-0.1	101.	159.53	150.2	174.4	131.	-100.
9 11 13	143.	34.	.22	112.	29.58	.03	-0.1	104.	160.50	159.2	209.3	130.	-100.
9 11 18	145.	29.	1.14	121.	29.50	.07	0.0	105.	163.41	169.9	176.7	124.	-100.
9 11 23	142.	16.	1.93	119.	29.68	.11	0.0	109.	164.06	173.1	176.7	127.	-100.
9 11 28	172.	12.	1.77	124.	29.74	.11	-0.0	118.	160.65	162.8	218.5	132.	-100.
9 11 33	176.	13.	1.02	136.	29.83	.08	-0.1	116.	167.29	166.7	288.2	132.	-100.
9 11 38	194.	13.	1.50	158.	29.38	.09	-0.2	132.	169.88	195.1	220.8	131.	-100.
9 11 43	207.	14.	2.01	163.	29.98	.09	-0.2	127.	168.59	197.1	219.7	131.	-100.
9 11 48							.1	125.	156.94	204.1	217.5	121.	-100.

TIME M/M/S	EC 49 TEMP JMNSTR OF HOT AIR SENSOR	EC 50 PRESS STATIC JMNSTR HJT AIR SENSOR	EC 55 PRESS FWD EQUIP JAYATV ENTOR	EC 56 TEMP AIR DANSTR OF PRI MX	EC 54 PRESS REF COARSE	EC 63 PRESS STATIC SVC AR MX RAM INLET HEADER	EC 64 PRESS STATIC SERVICE AIR MX	EC 40 TEMP AIR RAIN INLET R/H MX	EC 39 TEMP AMB TIP COMPT	EC 100 TEMP AMB FIN TIP COMPT	EC 101 TEMP AMB FIN TIP COMPT	EC 52 TEMP SOUTLE TRAIN REMOV LNOZZL E	EC 53 PRESS RAIN REMOVL NOZZLE OUTLET L/H
9 51 48	210.	14.	1.95	166.	29.80	.11	-.1	122.	165.68	206.0	187.2	123.	-100.
9 11 53	216.	14.	1.73	165.	29.38	.08	.0	121.	177.00	212.4	212.0	127.	-100.
9 51 58	220.	16.	1.04	162.	29.65	.10	.0	119.	176.35	214.0	218.1	126.	-100.
9 12 4	233.	20.	2.23	168.	30.84	.08	.0	120.	178.29	219.4	227.7	125.	-100.
9 12 9	243.	21.	2.29	172.	30.01	.10	.1	125.	180.56	221.9	197.5	127.	-100.
9 12 14	270.	25.	2.42	199.	23.85	.03	-.0	130.	188.65	231.5	183.7	130.	-100.
9 12 19	276.	27.	2.45	196.	29.62	.11	-.0	123.	188.06	236.0	214.2	129.	-100.
9 12 24	301.	32.	2.45	232.	29.38	.13	.2	127.	189.94	248.1	200.9	125.	-100.
9 12 29	310.	33.	2.38	236.	29.89	.13	.2	123.	191.88	254.4	178.6	126.	-100.
9 12 34	330.	36.	2.11	245.	29.55	.14	.2	124.	197.71	272.1	182.2	123.	-100.
9 12 39	338.	29.	1.92	259.	29.66	.14	.2	122.	199.63	278.3	213.2	127.	-100.
9 12 44	347.	24.	1.82	260.	29.93	.08	.0	124.	204.10	290.7	178.3	124.	-100.
9 12 49	351.	24.	1.88	258.	29.74	.12	.0	122.	203.46	291.7	161.1	125.	-100.
9 12 54	357.	24.	1.56	251.	29.74	.15	.2	125.	204.10	296.3	189.2	127.	-100.
9 12 59	357.	25.	1.50	253.	29.74	.13	.2	125.	204.42	296.9	182.7	127.	-100.
9 13 4	364.	24.	1.78	243.	29.09	.15	.1	115.	206.01	299.4	158.3	124.	-100.
9 13 9	364.	24.	1.58	253.	29.08	.12	.0	120.	206.97	301.3	179.2	127.	-100.
9 13 14	364.	24.	1.31	263.	29.74	.12	.1	128.	209.20	306.3	259.5	129.	-100.
9 13 19	369.	24.	1.33	264.	29.32	.11	.1	134.	209.83	306.9	206.3	129.	-100.
9 13 29	377.	31.	1.82	259.	29.62	.13	.1	121.	211.11	308.4	145.3	127.	-100.
9 13 34	378.	33.	1.58	277.	29.74	.12	.0	130.	215.25	312.2	182.3	129.	-100.
9 13 39	378.	28.	1.33	310.	30.04	.09	.0	137.	218.75	321.2	257.6	128.	-100.
9 13 39	375.	28.	1.48	293.	29.68	.10	.0	130.	219.07	321.8	236.3	127.	-100.
9 13 44	368.	25.	1.47	294.	29.56	.11	-.1	132.	216.84	325.1	146.0	124.	-100.
9 13 49	365.	23.	1.43	281.	29.50	.12	.0	126.	216.21	317.7	143.0	123.	-100.
9 13 59	354.	21.	1.39	278.	29.88	.13	.0	139.	216.21	311.8	195.8	123.	-100.
9 14 12	358.	21.	1.38	266.	29.44	.14	.1	132.	214.93	307.8	285.3	127.	-100.
9 14 9	340.	20.	1.31	265.	29.32	.10	.1	136.	211.11	296.3	138.9	128.	-100.
9 14 9	337.	20.	1.23	258.	29.50	.11	.0	133.	210.47	292.3	147.9	129.	-100.
9 14 14	329.	20.	1.33	240.	29.52	.15	.0	129.	211.75	288.2	188.9	133.	-100.
9 14 19	325.	20.	1.41	238.	29.80	.13	.0	130.	209.20	277.4	203.8	131.	-100.
9 14 24	316.	21.	1.52	221.	29.32	.07	-.1	137.	205.37	269.6	147.9	123.	-100.
9 14 29	315.	21.	1.34	228.	29.74	.09	-.0	132.	204.42	269.6	188.7	127.	-100.
9 14 34	310.	20.	1.23	222.	29.74	.12	.0	136.	206.65	266.5	247.4	125.	-100.
9 14 40	307.	20.	1.31	212.	29.52	.13	.1	127.	203.78	263.0	217.7	123.	-100.
9 14 47	307.	20.	1.33	212.	29.32	.13	.1	120.	200.27	256.4	174.4	125.	-100.
9 14 50	305.	20.	1.33	205.	29.74	.13	.1	117.	199.96	255.7	190.2	128.	-100.
9 14 55	303.	19.	1.15	202.	29.50	.15	.1	127.	193.00	253.2	202.2	131.	-100.
9 15 0	302.	20.	1.19	205.	29.50	.13	.1	134.	193.00	251.9	172.4	130.	-100.
9 15 5	299.	20.	1.13	195.	29.40	.13	.2	134.	195.76	249.3	125.9	126.	-100.
9 15 10	297.	20.	1.23	195.	29.77	.13	.2	129.	191.88	249.3	152.4	125.	-100.
9 15 15	291.	20.	1.37	209.	29.80	.10	.0	139.	198.35	248.7	229.1	123.	-100.
9 15 20	292.	20.	1.59	215.	29.32	.10	.0	140.	198.35	248.4	222.6	125.	-100.
9 15 25	294.	20.	1.15	193.	30.04	.15	.1	142.	197.71	248.0	148.8	116.	-100.
9 15 30	293.	20.	1.15	194.	29.58	.13	.1	130.	197.71	247.4	208.4	115.	-100.
9 15 35	292.	20.	1.23	190.	29.50	.12	.0	117.	196.41	246.5	172.5	128.	-100.
9 15 40	290.	19.	1.13	191.	29.71	.14	.0	120.	197.06	246.2	287.1	128.	-100.
9 15 45	293.	19.	1.60	208.	29.74	.07	-.1	142.	191.38	246.2	166.8	123.	-100.
9 15 50	292.	18.	1.50	198.	29.58	.09	.0	134.	194.15	245.5	182.2	124.	-100.

TIME	EC 49	EC 50	EC 51	EC 52	EC 53	EC 54	EC 55	EC 56	EC 57	EC 58	EC 59	EC 60	EC 61	EC 62	EC 63	EC 64	EC 65	EC 66	EC 67	EC 68	EC 69	EC 70	EC 71	EC 72	EC 73	EC 74	EC 75	EC 76	EC 77	EC 78	EC 79	EC 80	EC 81	EC 82	EC 83	EC 84	EC 85	EC 86	EC 87	EC 88	EC 89	EC 90	EC 91	EC 92	EC 93	EC 94	EC 95	EC 96	EC 97	EC 98	EC 99	EC 100	EC 101	EC 102	EC 103	EC 104	EC 105	EC 106	EC 107	EC 108	EC 109	EC 110	EC 111	EC 112	EC 113	EC 114	EC 115	EC 116	EC 117	EC 118	EC 119	EC 120	EC 121	EC 122	EC 123	EC 124	EC 125	EC 126	EC 127	EC 128	EC 129	EC 130	EC 131	EC 132	EC 133	EC 134	EC 135	EC 136	EC 137	EC 138	EC 139	EC 140	EC 141	EC 142	EC 143	EC 144	EC 145	EC 146	EC 147	EC 148	EC 149	EC 150	EC 151	EC 152	EC 153	EC 154	EC 155	EC 156	EC 157	EC 158	EC 159	EC 160	EC 161	EC 162	EC 163	EC 164	EC 165	EC 166	EC 167	EC 168	EC 169	EC 170	EC 171	EC 172	EC 173	EC 174	EC 175	EC 176	EC 177	EC 178	EC 179	EC 180	EC 181	EC 182	EC 183	EC 184	EC 185	EC 186	EC 187	EC 188	EC 189	EC 190	EC 191	EC 192	EC 193	EC 194	EC 195	EC 196	EC 197	EC 198	EC 199	EC 200	EC 201	EC 202	EC 203	EC 204	EC 205	EC 206	EC 207	EC 208	EC 209	EC 210	EC 211	EC 212	EC 213	EC 214	EC 215	EC 216	EC 217	EC 218	EC 219	EC 220	EC 221	EC 222	EC 223	EC 224	EC 225	EC 226	EC 227	EC 228	EC 229	EC 230	EC 231	EC 232	EC 233	EC 234	EC 235	EC 236	EC 237	EC 238	EC 239	EC 240	EC 241	EC 242	EC 243	EC 244	EC 245	EC 246	EC 247	EC 248	EC 249	EC 250	EC 251	EC 252	EC 253	EC 254	EC 255	EC 256	EC 257	EC 258	EC 259	EC 260	EC 261	EC 262	EC 263	EC 264	EC 265	EC 266	EC 267	EC 268	EC 269	EC 270	EC 271	EC 272	EC 273	EC 274	EC 275	EC 276	EC 277	EC 278	EC 279	EC 280	EC 281	EC 282	EC 283	EC 284	EC 285	EC 286	EC 287	EC 288	EC 289	EC 290	EC 291	EC 292	EC 293	EC 294	EC 295	EC 296	EC 297	EC 298	EC 299	EC 300	EC 301	EC 302	EC 303	EC 304	EC 305	EC 306	EC 307	EC 308	EC 309	EC 310	EC 311	EC 312	EC 313	EC 314	EC 315	EC 316	EC 317	EC 318	EC 319	EC 320	EC 321	EC 322	EC 323	EC 324	EC 325	EC 326	EC 327	EC 328	EC 329	EC 330	EC 331	EC 332	EC 333	EC 334	EC 335	EC 336	EC 337	EC 338	EC 339	EC 340	EC 341	EC 342	EC 343	EC 344	EC 345	EC 346	EC 347	EC 348	EC 349	EC 350	EC 351	EC 352	EC 353	EC 354	EC 355	EC 356	EC 357	EC 358	EC 359	EC 360	EC 361	EC 362	EC 363	EC 364	EC 365	EC 366	EC 367	EC 368	EC 369	EC 370	EC 371	EC 372	EC 373	EC 374	EC 375	EC 376	EC 377	EC 378	EC 379	EC 380	EC 381	EC 382	EC 383	EC 384	EC 385	EC 386	EC 387	EC 388	EC 389	EC 390	EC 391	EC 392	EC 393	EC 394	EC 395	EC 396	EC 397	EC 398	EC 399	EC 400	EC 401	EC 402	EC 403	EC 404	EC 405	EC 406	EC 407	EC 408	EC 409	EC 410	EC 411	EC 412	EC 413	EC 414	EC 415	EC 416	EC 417	EC 418	EC 419	EC 420	EC 421	EC 422	EC 423	EC 424	EC 425	EC 426	EC 427	EC 428	EC 429	EC 430	EC 431	EC 432	EC 433	EC 434	EC 435	EC 436	EC 437	EC 438	EC 439	EC 440	EC 441	EC 442	EC 443	EC 444	EC 445	EC 446	EC 447	EC 448	EC 449	EC 450	EC 451	EC 452	EC 453	EC 454	EC 455	EC 456	EC 457	EC 458	EC 459	EC 460	EC 461	EC 462	EC 463	EC 464	EC 465	EC 466	EC 467	EC 468	EC 469	EC 470	EC 471	EC 472	EC 473	EC 474	EC 475	EC 476	EC 477	EC 478	EC 479	EC 480	EC 481	EC 482	EC 483	EC 484	EC 485	EC 486	EC 487	EC 488	EC 489	EC 490	EC 491	EC 492	EC 493	EC 494	EC 495	EC 496	EC 497	EC 498	EC 499	EC 500																																																																																																																																																												
	291.	23.	1.49	209.	29.32	12	0.3	156.	195.12	246.8	220.8	127.	-100.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			

TIME H/M/S	EC 43 TEMP AIR JMNSTR OF HOT AIR SENSOR	EC 50 PRESS STATIC JMNSTR HOT AIR SENSOR	EC 35 PRESS STATIC FAD EQUIP GAYATV ENTUR	EC 33 TEMP AIR JMNSTR OF PRI MX	EC 54 PRESS STATIC SVC MX RAM INLET HEADER	EC 63 PRESS STATIC SVC MX RAM INLET HEADER	EC 54 PRESS STATIC SVC AIR HX	EC 40 TEMP AIR RAM INLET R/H PRI MX	EC 99 TEMP AMB FIN TIP COMPT	EC 100 TEMP AMB FIN TIP COMPT	EC 52 TEMP SOUTLE TRAIN REMOV LNOZZL E	EC 53 PRESS RAIN REMOVL NOZZLE OUTLET L/M
9 20 2	302.	39.	1.22	317.	29.03	.13	-0	134.	230.51	351.5	210.5	-100.
9 20 7	309.	37.	1.21	307.	29.06	.12	0.0	137.	233.15	331.1	161.5	-100.
9 20 12	308.	38.	1.17	314.	29.40	.11	-0	139.	239.15	332.4	166.3	-100.
9 20 17	309.	40.	1.13	354.	29.52	.14	-0	145.	239.15	332.4	167.9	-100.
9 20 22	309.	40.	1.14	344.	29.65	.10	-0	141.	239.78	332.1	167.0	-100.
9 20 27	390.	41.	1.09	325.	29.93	.10	-0	133.	241.70	333.0	230.6	-100.
9 20 32	309.	41.	1.05	337.	29.77	.11	-0	141.	242.01	336.2	234.7	-100.
9 20 37	306.	35.	1.13	350.	29.50	.10	-0	152.	241.06	335.5	196.4	-100.
9 20 42	304.	36.	1.08	340.	29.55	.13	-0	145.	240.74	334.9	196.7	-100.
9 20 47	374.	38.	.95	339.	29.30	.14	.1	158.	239.15	332.4	229.6	-100.
9 20 52	368.	39.	.98	334.	29.53	.13	.0	150.	238.51	331.0	222.3	-100.
9 20 57	371.	40.	1.11	316.	29.85	.07	.0	142.	236.60	330.5	211.7	-100.
9 21 2	368.	40.	1.10	307.	29.85	.09	.0	141.	235.96	332.7	198.3	-100.
9 21 7	373.	39.	1.17	307.	29.55	.11	.3	138.	235.96	327.4	211.1	-100.
9 21 17	379.	41.	1.06	337.	29.59	.10	.1	139.	236.60	328.6	214.9	-100.
9 21 22	378.	41.	1.23	337.	29.52	.15	.1	145.	242.33	332.4	180.6	-100.
9 21 27	379.	42.	1.15	324.	29.38	.09	-0	142.	240.42	332.4	176.4	-100.
9 21 32	376.	42.	1.18	321.	29.92	.10	-0	133.	240.74	332.4	212.1	-100.
9 21 37	377.	41.	1.13	320.	29.74	.10	-0	138.	246.16	332.4	167.3	-100.
9 21 47	375.	39.	1.09	321.	29.63	.11	-0	141.	243.29	330.8	161.8	-100.
9 21 52	369.	34.	1.03	336.	29.38	.21	.2	148.	240.42	331.1	226.4	-100.
9 21 57	369.	34.	1.12	325.	29.62	.16	.1	141.	248.10	330.6	207.2	-100.
9 22 2	375.	36.	1.05	317.	29.83	.14	.0	151.	239.78	328.0	173.8	-100.
9 22 7	375.	35.	1.04	308.	29.99	.12	.0	143.	239.47	324.9	201.0	-100.
9 22 12	369.	34.	1.02	314.	29.50	.14	.1	147.	239.15	322.7	164.4	-100.
9 22 17	371.	34.	1.25	295.	29.32	.12	-0	140.	235.96	315.0	229.6	-100.
9 22 22	369.	33.	1.21	294.	29.32	.12	-0	137.	235.96	314.3	216.2	-100.
9 22 27	366.	33.	.98	310.	29.38	.14	.1	145.	236.60	311.2	166.0	-100.
9 22 32	363.	33.	.90	309.	29.50	.15	.1	147.	235.00	310.0	192.1	-100.
9 22 37	368.	37.	1.13	285.	29.99	.11	.4	137.	232.14	308.7	236.6	-100.
9 22 42	365.	27.	1.09	283.	29.71	.11	-0	141.	231.82	308.1	227.7	-100.
9 22 47	373.	28.	1.02	298.	29.50	.13	0.3	142.	230.86	305.6	171.4	-100.
9 22 52	374.	27.	1.05	293.	29.71	.10	.1	146.	229.59	304.1	201.3	100.
9 22 57	375.	27.	1.06	298.	29.50	.14	-0	149.	228.31	301.9	221.3	100.
9 23 2	374.	27.	1.09	283.	29.77	.11	-0	145.	227.68	302.2	214.9	-100.
9 23 7	359.	32.	1.03	271.	29.98	.07	-0	142.	223.85	301.3	223.2	-100.
9 23 12	368.	35.	1.11	277.	29.38	.10	-0	142.	226.40	301.6	203.0	-100.
9 23 17	369.	37.	1.13	278.	29.40	.10	-0	141.	227.04	300.4	213.7	-100.
9 23 22	368.	37.	1.12	275.	29.35	.11	-0	139.	227.68	300.7	177.6	-100.
9 23 27	366.	37.	.99	295.	29.44	.15	.1	150.	228.95	300.7	190.6	-100.
9 23 32	368.	37.	.93	285.	29.41	.13	.1	139.	228.63	301.0	161.5	-100.
9 23 37	362.	37.	.92	286.	29.38	.12	-0	138.	228.31	301.3	182.2	-100.
9 23 42	362.	36.	.95	286.	29.86	.14	-0	146.	228.31	301.3	190.6	-100.
9 23 47	360.	37.	1.27	295.	29.50	.11	-0	143.	227.84	300.3	230.9	100.
9 23 52	361.	37.	1.03	296.	29.68	.12	.0	150.	228.31	300.3	194.9	100.
9 23 57	359.	36.	.83	300.	29.52	.15	.1	151.	228.31	300.7	206.0	100.
9 24 2	358.	37.	.90	304.	29.53	.15	.1	155.	228.00	300.0	218.4	100.

TIME
H/M/S

06

EC 49	EL 50	EC 35	EC 30	EC 54	EC 63	EC 64	EC 40	EC 99	EC 100	EC 101	EL 52	EC 53
TEMP	PRESS	PRESS	TEMP	PRESS	PRESS	PRESS	TEMP	TEMP	TEMP	TEMP	TEMP	PRESS
AIR	STATIC	STATIC	AIR	REF.	STATIC	STATIC	AIR	AM3	AM3	AM3	TRAIN	RAIN
UNSTR	UNSTR	FWD	UNSTR	COARSE	SVC AR	SVC	RAM	FIN	FIN	FIN	REMOV	REMOV
OF	HOT	EQUIP	OF		MX RAM	AIR MX	INLET	TIP	TIP	TIP	LNOZZL	NOZZLE
SENSOR	AIR	HAYATK	PRI MX		INLET	AIR MX	R/H	COMPT	COMPT	COMPT	E	OUTLET
	SENSOR	ENTUR			HEADER		PRI MX					L/H
9 24 0	357.	36.	289.	29.55	.15	0.0	146.	223.65	100.0	167.3	119.	100.
9 24 13	359.	37.	284.	29.50	.14	.3	142.	225.08	239.1	181.5	118.	100.
9 24 23	354.	37.	278.	30.10	.12	-1	145.	228.31	300.0	160.8	118.	100.
9 24 23	353.	30.	268.	29.59	.11	-1	139.	227.68	243.4	188.8	123.	100.
9 28 16	305.	21.	216.	30.04	.10	.1	147.	208.27	249.3	208.6	129.	-100.
9 28 21	305.	21.	221.	29.80	.14	.1	145.	200.59	249.0	216.2	121.	-100.
9 28 34	310.	20.	213.	30.10	.10	0.0	147.	201.55	247.4	177.6	111.	-100.
9 28 31	308.	20.	203.	29.77	.13	.1	145.	200.91	248.1	187.7	113.	-100.
9 28 36	305.	20.	204.	30.15	.13	-1	137.	201.55	248.7	187.7	117.	-100.
9 28 41	305.	20.	208.	30.01	.11	-0	141.	200.91	248.4	190.3	120.	-100.
9 28 46	302.	20.	191.	29.88	.08	-0	130.	202.82	245.5	239.1	123.	-100.
9 28 56	303.	20.	191.	29.35	.10	-0	130.	201.55	244.9	208.1	115.	-100.
9 29 1	307.	20.	194.	29.50	.12	0.0	132.	199.64	248.7	169.9	119.	-100.
9 29 6	366.	20.	199.	29.50	.11	0.0	129.	199.96	249.1	185.4	114.	-100.
9 29 11	302.	21.	196.	29.32	.12	0.0	129.	199.96	249.1	228.3	119.	-100.
9 29 16	302.	20.	194.	29.47	.12	-1	127.	199.96	244.0	222.6	122.	-100.
9 29 16	301.	20.	198.	29.74	.09	-1	130.	201.55	239.1	195.8	121.	-100.
9 29 21	300.	20.	210.	29.60	.12	-1	142.	200.59	244.0	198.3	117.	-100.
9 29 26	305.	20.	211.	29.74	.11	-0	142.	199.64	239.1	188.6	127.	-100.
9 29 31	304.	20.	202.	29.80	.04	-0	147.	199.32	243.3	184.4	124.	-100.
9 29 36	301.	20.	202.	29.85	.10	-0	137.	200.91	248.7	225.1	127.	-100.
9 29 41	331.	20.	209.	29.69	.10	.1	141.	201.23	248.7	213.0	122.	-100.
9 29 47	299.	20.	193.	29.74	.10	0.0	129.	200.27	246.8	173.1	108.	-100.
9 29 52	299.	20.	204.	29.83	.05	-0	132.	199.96	247.7	195.8	113.	-100.
9 29 55	299.	20.	189.	29.32	.12	-2	137.	200.91	248.7	202.8	114.	-100.
9 30 2	290.	20.	200.	29.80	.15	-0	142.	200.27	247.7	214.3	115.	-100.
9 30 7	298.	20.	217.	29.38	.14	.1	139.	199.80	248.7	178.3	111.	-100.
9 30 12	298.	20.	213.	29.38	.14	.1	146.	199.80	248.1	179.3	114.	-100.
9 30 17	294.	19.	190.	29.74	.06	-1	132.	199.64	248.1	224.5	125.	-100.
9 30 22	297.	19.	203.	29.68	.09	-0	136.	199.64	247.4	192.7	120.	-100.
9 30 27	292.	21.	205.	29.56	.12	-1	152.	198.35	248.1	233.4	120.	-100.
9 30 32	294.	20.	202.	29.80	.11	0.0	145.	199.63	247.4	205.2	118.	-100.
9 30 37	293.	19.	209.	30.04	.10	-1	142.	202.82	247.4	190.6	124.	-100.
9 30 42	294.	20.	213.	29.71	.10	-0	144.	201.87	247.4	191.2	118.	-100.
9 30 47	296.	21.	202.	29.62	.13	.1	147.	200.27	248.0	167.3	118.	-100.
9 30 52	297.	21.	207.	29.58	.12	-1	147.	200.27	248.0	170.2	117.	-100.
9 30 57	293.	20.	191.	29.32	.11	-1	130.	198.35	247.4	210.1	118.	-100.
9 31 2	292.	20.	203.	29.65	.10	-0	136.	199.63	247.7	212.4	119.	-100.
9 31 7	293.	20.	190.	29.45	.12	-1	136.	200.27	248.7	216.8	111.	-100.
9 31 12	292.	20.	195.	29.83	.11	-1	136.	200.27	248.1	190.5	109.	-100.
9 31 17	292.	20.	196.	29.63	.11	-1	139.	199.64	248.0	207.3	117.	-100.
9 31 22	292.	20.	207.	29.62	.15	.1	130.	199.64	247.1	200.2	122.	-100.
9 31 32	291.	19.	202.	29.62	.06	-1	130.	199.64	247.4	222.6	119.	-100.
9 31 37	289.	19.	205.	29.62	.06	-1	130.	199.64	247.7	223.2	121.	-100.
9 31 42	292.	23.	196.	29.74	.14	.1	139.	199.64	247.4	183.5	118.	-100.
9 31 47	291.	25.	198.	29.80	.12	-0	130.	199.32	248.0	191.2	119.	-100.
9 31 52	294.	33.	207.	29.86	.15	-0	137.	200.91	251.9	190.4	112.	-100.
9 31 57	299.	35.	222.	29.82	.13	-0	140.	203.14	255.4	188.6	113.	-100.
9 31 57	321.	37.	239.	29.85	.09	0.0	125.	207.92	270.8	173.6	112.	-100.

TIME
M/M/S

08

TIME M/M/S	EC 49 TEMP AIR	EC 50 PRESS STATIC	EC 36 PRESS STATIC FWD	EC 30 TEMP AIR OF	EC 26 PRESS REF COARSE	EC 53 PRESS STATIC SVC AR	EC 54 PRESS STATIC SERVICE AIR MX	EC 40 TEMP AIR RAM INLET R/M	EC 39 TEMP AIR FIN TIP COMPT	EC 100 TEMP AIR FIN TIP COMPT	EC 101 TEMP AIR FIN TIP COMPT	EC 52 TEMP SOUTLE TRAIN RENOV LNOZZL	EC 53 PRESS RAIN RENOVL NOZZLE OUTLET L/H
9 36 9	306.	14.	.00	200.	23.36	.07	0.0	136.	207.20	250.6	229.6	121.	100.
9 36 14	363.	14.	.03	193.	23.52	.08	.00	136.	206.33	248.7	237.9	120.	100.
9 36 19	364.	14.	.74	176.	23.20	.12	.00	132.	202.02	246.2	250.0	124.	100.
9 36 24	363.	14.	.67	191.	23.59	.12	0.0	145.	203.14	245.2	212.5	116.	100.
9 36 29	365.	14.	.04	190.	23.80	.08	.00	138.	202.19	243.0	199.0	108.	100.
9 36 34	360.	13.	.08	193.	23.85	.00	.00	143.	202.19	242.7	221.6	117.	100.
9 36 43	357.	13.	.08	196.	23.80	.13	.00	160.	200.91	242.3	235.1	123.	100.
9 36 54	356.	13.	.07	183.	23.77	.11	.00	149.	200.91	242.0	227.0	122.	100.
9 36 59	349.	14.	.05	187.	23.65	.12	.00	145.	199.04	239.0	178.3	114.	100.
9 37 4	351.	14.	.09	184.	23.63	.13	.00	149.	199.32	239.0	170.2	111.	100.
9 37 9	349.	14.	.30	194.	23.92	.11	0.0	145.	204.74	239.1	147.5	110.	100.
9 37 9	348.	14.	.07	182.	23.71	.11	.00	138.	201.54	239.5	152.7	110.	100.
9 37 14	349.	14.	.75	171.	23.50	.13	.00	136.	199.00	239.1	182.0	121.	100.
9 37 19	348.	14.	.03	185.	23.53	.13	.00	141.	199.00	239.4	211.0	122.	100.
9 37 24	344.	13.	.76	156.	23.92	.11	.00	130.	198.35	238.5	223.2	120.	100.
9 37 29	342.	14.	1.04	163.	23.77	.11	.00	130.	195.12	237.9	204.0	117.	100.
9 37 34	339.	15.	.02	185.	23.92	.12	.00	136.	198.35	239.1	173.4	111.	100.
9 37 40	339.	15.	.90	191.	23.92	.09	.00	145.	198.35	238.0	173.4	111.	100.
9 37 45	339.	19.	1.13	194.	23.92	.10	.00	137.	199.00	239.1	169.9	112.	100.
9 37 50	336.	19.	1.09	199.	23.83	.12	.00	145.	199.00	240.4	182.2	110.	100.
9 37 55	336.	19.	1.03	202.	23.85	.09	.00	134.	199.00	246.0	181.2	113.	100.
9 38 0	335.	20.	1.06	212.	23.80	.08	.00	141.	201.55	255.1	199.0	125.	100.
9 38 5	335.	20.	1.07	228.	23.80	.07	.00	150.	207.24	257.6	209.2	122.	100.
9 38 10	334.	19.	1.07	231.	23.71	.09	.00	152.	206.97	257.6	209.2	122.	100.
9 38 15	332.	19.	1.03	207.	23.44	.17	.00	137.	208.56	264.0	182.0	105.	100.
9 38 20	334.	20.	1.03	212.	23.97	.14	.00	140.	208.56	264.6	173.0	110.	100.
9 38 25	334.	20.	1.06	220.	23.92	.11	0.0	115.	206.65	266.5	251.3	125.	100.
9 38 30	331.	20.	1.07	217.	23.58	.12	.00	125.	206.97	265.0	250.0	125.	100.
9 38 35	331.	20.	1.04	210.	23.58	.12	.00	146.	204.83	264.6	199.0	119.	100.
9 38 40	332.	20.	1.01	217.	23.55	.13	.00	143.	208.48	264.6	198.4	115.	100.
9 38 45	330.	19.	.98	209.	23.62	.14	.00	137.	208.56	271.5	216.2	123.	100.
9 38 50	336.	19.	1.03	210.	23.53	.14	.00	141.	208.56	268.7	201.1	120.	100.
9 38 55	336.	19.	1.22	214.	23.23	.16	.00	145.	207.92	266.5	167.1	110.	100.
9 39 0	327.	19.	.94	208.	23.29	.14	.00	141.	206.13	265.9	207.4	112.	100.
9 39 5	327.	19.	1.02	203.	23.62	.17	.00	132.	207.60	265.9	207.4	117.	100.
9 39 10	322.	20.	.98	226.	23.53	.10	.00	133.	207.60	265.2	211.7	120.	100.
9 39 20	322.	20.	.94	223.	23.55	.14	.00	136.	207.28	265.2	164.7	105.	100.
9 39 30	327.	20.	.98	235.	23.95	.12	.00	128.	207.28	267.4	208.7	103.	100.
9 47 6	320.	20.	1.04	221.	23.60	.15	.00	150.	207.92	267.1	208.7	103.	100.
9 47 11	304.	20.	.92	220.	23.05	.13	.00	144.	207.92	267.1	212.4	108.	100.
9 47 16	307.	19.	1.13	215.	23.50	.14	.00	115.	208.56	267.7	173.1	123.	100.
9 48 25	300.	20.	.94	233.	23.14	.12	.00	135.	209.51	267.4	192.4	117.	100.
9 48 30	304.	20.	.94	235.	23.06	.12	.00	151.	208.56	267.7	193.0	117.	100.
9 48 35	309.	20.	1.10	214.	23.86	.13	.00	151.	207.92	267.7	207.9	113.	100.
10 0 22	303.	20.	1.00	218.	23.38	.11	.00	146.	206.01	267.7	233.4	110.	100.
10 0 27	305.	26.	1.02	203.	23.12	.11	.00	141.	207.60	267.7	200.4	110.	0.
10 0 32	303.	29.	.95	233.	23.34	.10	0.0	129.	233.46	267.1	230.2	115.	-100.
10 0 37	310.	34.	.94	260.	23.60	.16	.00	145.	206.13	269.3	204.2	123.	-100.

TIME H/M/S	EC 49 TEMP AIR JMNSTR OF HOT AIR SENSOR	EC 50 PRESS STATIC JMNSTR OF AIR SENSOR	EC 36 PRESS STATIC FWD EQUIP BAYATV ENTJX	EC 38 TEMP AIR JMNSTR OF PRI MX	EC 34 PRESS REF COARSE	EC 63 PRESS STATIC SVC AR MX RAM INLET HEAVER	EC 64 PRESS STATIC SERVICE AIR MX	EC 40 TEMP AIR RAM INLET R/H PRI MX	EC 99 TEMP AMB FIN TIP COMPT	EC 100 TEMP AMB FIN TIP COMPT	EC 101 TEMP AMB FIN TIP COMPT	EC 52 TEMP SOUTLE TRAIN REMOV LNOZZL E	EC 53 PRESS RAIN REMOV NOZZLE OUTLET L/H
10 0 42	310.	35.	.90	263.	29.80	.15	-.1	144.	218.44	280.3	197.3	123.	-100.
10 0 47	336.	37.	.78	283.	29.30	.18	.1	115.	218.12	291.3	166.0	117.	-100.
10 0 52	336.	37.	.81	278.	29.71	.17	.1	132.	219.39	294.4	197.5	119.	-100.
10 0 57	347.	38.	.94	274.	29.85	.11	.1	134.	223.22	305.0	199.0	119.	-100.
10 1 2	345.	37.	.88	289.	29.58	.12	.0	143.	224.17	304.7	213.7	118.	-100.
10 1 12	344.	37.	.88	305.	29.80	.13	.0	138.	227.84	314.3	225.8	117.	-100.
10 1 17	353.	39.	.83	313.	29.53	.14	.1	147.	227.36	315.3	229.6	117.	-100.
10 1 22	366.	43.	.95	327.	29.74	.09	.0	138.	230.86	319.3	220.7	118.	-100.
10 1 27	368.	44.	.87	332.	29.52	.11	.0	147.	232.77	319.3	215.6	119.	-100.
10 1 32	381.	43.	.90	335.	29.32	.08	.0	138.	236.60	329.3	223.2	112.	-100.
10 1 32	385.	43.	.84	350.	29.71	.10	-.1	145.	236.92	333.6	224.2	111.	-100.
10 1 42	417.	40.	.61	333.	29.35	.08	.1	142.	240.42	343.7	225.1	117.	-100.
10 1 42	415.	48.	.69	352.	29.71	.12	.0	147.	241.38	345.9	207.5	117.	-100.
10 1 47	401.	44.	.84	355.	29.38	.06	.0	141.	242.33	351.2	228.3	113.	-100.
10 1 52	397.	41.	.83	351.	29.35	.10	.1	140.	244.56	351.5	223.2	112.	-100.
10 1 57	403.	44.	.85	365.	29.56	.18	-.1	134.	246.16	353.7	163.9	117.	-100.
10 2 2	406.	42.	.92	359.	29.77	.11	.0	136.	245.84	355.0	168.9	116.	-100.
10 2 7	404.	40.	.85	381.	29.62	.16	-.3	149.	247.75	356.3	180.2	95.	-100.
10 2 13	405.	39.	.85	368.	29.77	.13	-.1	147.	247.75	357.5	190.3	101.	-100.
10 2 18	405.	40.	.84	373.	29.35	.09	.0	128.	242.53	360.6	175.7	105.	-100.
10 2 23	408.	39.	.89	376.	29.80	.11	-.1	132.	245.84	360.6	196.8	108.	-100.
10 2 20	402.	41.	.90	365.	29.62	.18	.1	160.	248.71	360.6	223.2	110.	-100.
10 2 33	402.	29.	.74	357.	29.50	.15	.0	154.	249.34	359.7	210.1	107.	-100.
10 2 43	394.	18.	.51	304.	29.74	.12	.3	158.	241.70	350.8	248.1	122.	-100.
10 2 44	388.	17.	.71	280.	29.80	.12	.1	136.	249.15	345.9	209.8	114.	-100.
10 2 58	384.	17.	1.25	274.	29.62	.11	-.1	121.	231.50	326.8	182.2	103.	-100.
10 3 3	379.	17.	.97	256.	29.74	.11	.0	125.	230.23	323.3	183.8	104.	-100.
10 3 8	376.	17.	.82	213.	30.10	.14	.0	150.	223.85	304.7	188.9	107.	-100.
10 3 13	374.	17.	.79	221.	29.74	.10	.0	136.	220.67	293.8	190.6	105.	-100.
10 3 18	374.	23.	.61	224.	29.50	.14	-.1	149.	218.44	290.4	203.1	113.	-100.
10 3 23	371.	23.	1.03	228.	29.38	.06	-.1	154.	213.66	280.8	228.0	105.	-100.
10 3 33	363.	24.	1.03	227.	29.50	.10	.0	136.	215.34	274.8	221.0	115.	-100.
10 3 38	365.	24.	1.04	223.	29.44	.11	.0	132.	214.29	273.9	167.3	106.	-100.
10 3 43	364.	24.	.57	233.	29.30	.14	-.1	154.	213.66	274.8	168.3	109.	-100.
10 3 53	357.	11.	.57	198.	29.53	.15	.1	136.	215.66	273.9	224.5	117.	-100.
10 3 58	352.	8.	.50	203.	29.53	.07	-.1	134.	214.93	272.4	270.7	118.	-100.
10 4 3	347.	3.	.47	193.	29.38	.01	.1	142.	214.93	267.7	250.0	108.	-100.
10 4 0	344.	2.	.50	209.	29.35	-.00	-.1	141.	215.57	262.7	260.1	111.	-100.
10 4 8	342.	2.	.47	233.	29.38	0.00	-.4	145.	216.21	257.0	284.5	112.	-100.

TIME H/M/S	07	06 56 PRESS RAM AR PRIMRY TX 4SUB NLET	06 57 PRESS RAM AR PRIMRY MX HSUB NLET	06 58 PRESS RAM AR PRIMRY MX HSUB NLET	06 59 PRESS STATIC PRIMRY MX HEADER INLET	06 50 PRESS STATIC PRIMRY MX HEADER OUTLET	06 05 PRESS STATIC RAM AIR	PR 24 TEMP AIR INLET AJK LIP	PR 25 TEMP AIR INLET COAL LIP L/M	PR 26 TEMP SURFAC AJK LIP L/M	PR 27A TEMP SURFAC COAL LIP L/M 25 DEG	PR 27B TEMP SURFAC COAL LIP L/M 59 DEG	PR 28 TEMP AIR INLET SPIKE TIP	PR 13 TEMP CSJ L/HENG
0 57 9	-40.00	-35	-08	-03	-01	-53	116	120	120	120	626	118	120	117
0 57 14	-40.00	-37	-15	-02	-01	-45	117	120	120	120	600J00	119	120	118
0 57 19	-40.00	-27	-35	-00	-01	-07	117	121	121	121	LOM	119	120	118
0 57 24	-40.00	-14	-37	-01	-02	-67	117	121	121	121	LOM	118	120	117
0 57 29	-40.00	-51	-23	-01	-01	-53	117	121	121	121	LOM	118	120	117
0 57 42	-40.00	-41	-29	-00	-01	-40	118	121	121	121	LOM	119	120	117
0 57 39	-40.00	-47	-04	-00	-01	-56	118	121	121	121	LOM	120	120	116
0 57 49	-40.00	-33	-02	-00	-01	-53	117	121	121	121	LOM	118	120	116
0 57 54	-40.00	-12	-35	-04	-04	-44	117	121	121	121	LOM	118	120	116
0 57 59	-40.00	-35	-29	-02	-02	-41	117	121	121	121	LOM	118	120	116
0 58 4	-40.00	-59	-35	-01	-01	-54	117	121	121	121	LOM	118	120	116
0 58 9	-40.00	-63	-33	-01	-01	-47	117	121	121	121	LOM	118	120	116
0 58 9	-40.00	-12	-39	-00	-02	-53	116	120	120	120	LOM	119	120	117
0 58 14	-40.00	-23	-35	-03	-02	-60	118	120	120	120	LOM	118	120	116
0 58 19	-40.00	-129	-20	-03	-02	-41	117	120	120	120	LOM	118	120	116
0 58 24	-40.00	-90	-15	-01	-02	-59	117	120	120	120	LOM	118	120	116
0 58 29	-40.00	-23	-23	-00	-02	-65	118	120	120	120	LOM	118	120	116
0 58 34	-40.00	-22	-18	-03	-01	-50	116	120	120	120	LOM	118	120	116
0 58 40	-40.00	000	-43	-00	-02	-59	117	120	120	120	LOM	118	120	116
0 58 45	-40.00	-10	-20	-01	-01	-51	117	120	120	120	LOM	118	120	116
0 58 50	-40.00	-35	-23	-02	-00	-53	117	120	120	120	LOM	118	120	116
0 58 55	-40.00	-43	-20	-02	-00	-43	117	120	120	120	LOM	118	120	116
0 59 0	-40.00	-31	-35	-01	-01	-62	118	120	120	120	LOM	118	120	116
0 59 5	-40.00	-33	-23	-01	-01	-60	118	120	120	120	LOM	118	120	116
0 59 10	-40.00	-74	-33	-01	-01	-65	117	120	120	120	LOM	118	120	116
0 59 15	-40.00	-53	-18	-01	-00	-56	117	120	120	120	LOM	118	120	116
0 59 20	-40.00	-27	-35	-03	-00	-50	119	120	120	120	LOM	118	120	116
0 59 25	-40.00	-25	-31	-03	-01	-47	119	120	120	120	LOM	118	120	116
0 59 30	-40.00	-00	-39	-03	-01	-53	119	120	120	120	LOM	118	120	116
0 59 35	-40.00	-04	-35	-02	-02	-47	119	120	120	120	LOM	118	120	116
0 59 40	-40.00	-35	-12	-03	-00	-47	119	120	120	120	LOM	118	120	116
0 59 45	-40.00	-23	-08	-04	-00	-44	117	120	120	120	LOM	118	120	116
0 59 50	-40.00	-16	-39	-02	-01	-55	117	120	120	120	LOM	118	120	116
0 59 55	-40.00	-27	-33	-02	-00	-47	117	120	120	120	LOM	118	120	116
0 60 0	-40.00	-51	-04	-02	-01	-65	116	120	120	120	LOM	118	120	116
0 60 5	-40.00	-37	-15	-02	-01	-53	117	120	120	120	LOM	118	120	116
0 60 10	-40.00	-55	-20	-01	-01	-47	117	120	120	120	LOM	118	120	116
0 60 15	-40.00	-49	-15	-01	-00	-53	117	120	120	120	LOM	118	120	116
0 60 20	-40.00	-23	-35	-02	-00	-44	117	120	120	120	LOM	118	120	116
0 60 25	-40.00	-20	-23	-03	-01	-61	118	120	120	120	LOM	118	120	116
0 60 30	-40.00	-16	-37	-04	-01	-54	118	120	120	120	LOM	118	120	116
0 60 35	-40.00	-31	-27	-01	-01	-41	118	120	120	120	LOM	118	120	116
0 60 40	-40.00	-23	-27	-02	-02	-47	117	120	120	120	LOM	118	120	116
0 60 45	-40.00	-20	-23	-03	-01	-44	117	120	120	120	LOM	118	120	116
0 60 50	-40.00	-16	-37	-04	-01	-54	118	120	120	120	LOM	118	120	116
0 60 55	-40.00	-31	-27	-01	-01	-41	118	120	120	120	LOM	118	120	116
0 61 0	-40.00	-23	-27	-02	-02	-47	117	120	120	120	LOM	118	120	116
0 61 5	-40.00	-20	-23	-03	-01	-44	117	120	120	120	LOM	118	120	116
0 61 10	-40.00	-16	-37	-04	-01	-54	118	120	120	120	LOM	118	120	116
0 61 15	-40.00	-31	-27	-01	-01	-41	118	120	120	120	LOM	118	120	116
0 61 20	-40.00	-23	-27	-02	-02	-47	117	120	120	120	LOM	118	120	116
0 61 25	-40.00	-20	-23	-03	-01	-44	117	120	120	120	LOM	118	120	116
0 61 30	-40.00	-16	-37	-04	-01	-54	118	120	120	120	LOM	118	120	116
0 61 35	-40.00	-31	-27	-01	-01	-41	118	120	120	120	LOM	118	120	116
0 61 40	-40.00	-23	-27	-02	-02	-47	117	120	120	120	LOM	118	120	116
0 61 45	-40.00	-20	-23	-03	-01	-44	117	120	120	120	LOM	118	120	116

TIME MM/SS	EC 50 PRESS RAM AR PRIMRY HX MSUB NLET	EC 56 PRESS RAM AR PRIMRY HX MSUB NLET	EC 57 PRESS RAM AR PRIMRY HX MSUB NLET	EC 58 PRESS RAM AR PRIMRY HX MSUB NLET	EC 59 PRESS RAM AR PRIMRY HX MSUB NLET	EC 60 PRESS RAM AR PRIMRY HX MSUB NLET	EC 65 PRESS RAM AR PRIMRY HX MSUB NLET	PR 24 TEMP AIR INLET AJK LIP	PR 25 TEMP AIR INLET COML LIP	PR 26 TEMP SURFAC AUX LIP L/H	PR 27A TEMP SURFAC COML LIP L/H	PR 27B TEMP SURFAC COML LIP L/H	PR 28 TEMP AIR INLET SPIKE TIP	PR 13 TEMP CSO L/HENG
07														
9 51 48	-40.00	-06	-06	37	.83	-.1	.87	117.	*000000.	120.	LOM	120.	118.	116.
9 51 53	-40.00	-16	-16	.27	.84	-.4	.91	117.	848.	121.	LOM	119.	118.	117.
9 51 58	-40.00	-27	-27	.08	.84	-.1	.81	116.	*000000.	121.	LOM	120.	120.	116.
9 12 4	-40.00	-31	-31	.39	1.04	0.0	.94	117.	LOM	118.	LOM	120.	119.	117.
9 12 9	-40.00	-23	-23	.41	1.18	.1	1.00	118.	*000000.	120.	LOM	121.	120.	117.
9 12 14	-40.00	-04	-04	.43	1.44	.3	1.23	120.	848.	123.	LOM	121.	121.	117.
9 12 19	-40.00	-22	-22	.25	1.50	.2	1.04	118.	507.	122.	LOM	120.	118.	117.
9 12 24	-40.00	-35	-35	.51	1.78	.2	.94	117.	LOM	118.	LOM	120.	118.	117.
9 12 29	-40.00	-25	-25	.27	1.81	.0	.97	118.	*000000.	118.	LOM	118.	120.	117.
9 12 34	-40.00	-27	-27	.04	1.83	.2	.70	119.	LOM	121.	LOM	119.	121.	116.
9 12 39	-40.00	-14	-14	.25	1.52	.1	.88	117.	*000000.	121.	LOM	120.	121.	119.
9 12 44	-40.00	-31	-31	.39	1.21	.2	.97	117.	LOM	118.	LOM	120.	120.	117.
9 12 49	-40.00	-33	-33	.33	1.13	.2	.87	118.	LOM	119.	LOM	119.	121.	117.
9 12 54	-40.00	-16	-16	.12	1.22	.3	.79	119.	LOM	122.	LOM	120.	121.	117.
9 12 59	-40.00	-31	-31	.12	1.21	.1	.76	118.	*000000.	122.	LOM	120.	121.	117.
9 13 4	-40.00	-31	-31	.15	1.17	.0	1.00	119.	-108.	118.	LOM	120.	119.	117.
9 13 9	-40.00	-31	-31	.12	1.19	.1	.89	119.	378.	120.	LOM	120.	121.	119.
9 13 14	-40.00	0.00	0.00	.31	1.21	.0	1.03	119.	848.	121.	LOM	121.	121.	118.
9 13 19	-40.00	-20	-20	.25	1.15	.1	.91	119.	580.	121.	746.	119.	119.	119.
9 13 29	-40.00	-31	-31	.35	1.54	.0	.97	120.	172.	123.	19.	120.	120.	119.
9 13 34	-40.00	-31	-31	.28	1.72	.1	.85	119.	510.	124.	434.	121.	121.	122.
9 13 39	-40.00	-55	-55	.12	1.60	.2	.86	118.	848.	123.	-47.	120.	119.	123.
9 13 44	-40.00	-53	-53	.12	1.33	.2	.72	117.	*000000.	119.	*737856.	120.	120.	123.
9 13 49	-40.00	-43	-43	.08	1.27	.2	.76	119.	-29.	122.	LOM	121.	121.	127.
9 13 59	-40.00	-43	-43	.10	1.15	.1	.83	119.	37.	122.	LOM	120.	121.	127.
9 14 12	-40.00	-04	-04	.43	1.08	.3	.88	119.	35.	122.	LOM	120.	121.	127.
9 14 19	-40.00	-18	-18	.35	1.05	.1	.88	119.	442.	122.	LOM	120.	121.	127.
9 14 29	-40.00	-16	-16	.38	1.07	.1	.82	122.	LOM	122.	*000000.	120.	120.	128.
9 14 39	-40.00	-29	-29	.20	1.05	.1	.92	123.	*000000.	123.	LOM	122.	122.	138.
9 14 44	-40.00	-08	-08	.33	1.05	.0	1.00	122.	848.	124.	*000000.	122.	122.	131.
9 14 49	-40.00	-22	-22	.23	1.04	.0	.88	122.	848.	124.	LOM	121.	121.	133.
9 14 54	-40.00	-35	-35	.08	1.03	.1	.56	123.	-126.	125.	LOM	121.	121.	136.
9 14 59	-40.00	-10	-10	.10	1.05	.2	.81	119.	361.	125.	*000000.	121.	118.	136.
9 15 4	-40.00	-31	-31	.31	1.36	.1	1.00	124.	194.	123.	LOM	117.	113.	138.
9 15 9	-40.00	-10	-10	.31	1.05	.1	.94	123.	*000000.	123.	LOM	118.	121.	137.
9 15 14	-40.00	-51	-51	.03	1.02	.1	.70	125.	LOM	126.	LOM	123.	123.	139.
9 15 19	-40.00	-45	-45	.48	1.02	.0	.81	125.	*000000.	126.	LOM	122.	122.	139.
9 15 24	-40.00	-27	-27	.31	1.04	-.4	.88	125.	357.	123.	285.	121.	122.	141.
9 15 29	-40.00	-14	-14	.31	1.05	.0	.73	126.	445.	123.	*36.	122.	121.	141.
9 15 34	-40.00	-20	-20	.35	1.05	.0	.84	127.	76.	123.	LOM	121.	123.	143.
9 15 39	-40.00	-04	-04	.39	1.05	.1	.91	126.	-23.	122.	LOM	121.	122.	144.
9 15 44	-40.00	-32	-32	.20	1.05	.3	.85	125.	736.	121.	LOM	119.	119.	146.
9 15 49	-40.00	-35	-35	.29	1.05	.3	.87	125.	563.	122.	LOM	119.	119.	146.
9 15 54	-40.00	-20	-20	.33	1.04	.1	.88	130.	705.	125.	848.	123.	122.	149.
9 15 59	-40.00	-23	-23	.33	1.04	.1	.98	129.	776.	124.	*000000.	120.	120.	148.
9 16 4	-40.00	-33	-33	.00	1.02	.1	.62	127.	LOM	116.	LOM	122.	120.	149.
9 16 9	-40.00	-33	-33	.29	.93	.0	.62	127.	*000000.	119.	LOM	122.	121.	149.
9 16 14	-40.00	-31	-31	.12	.94	.1	.85	126.	239.	122.	LOM	121.	124.	149.
9 16 19	-40.00	-27	-27	.18	.95	.1	.78	127.	294.	122.	LOM	120.	123.	154.
9 16 24	-40.00	-27	-27	.18	.95	.1	.78	127.	294.	122.	LOM	120.	123.	157.

TIME M/M/S	EC 56 PRESS RAM AR PRIMARY HX MSUB NLET	EC 57 PRESS RAM AR PRIMARY HX MSUB NLET	EC 58 PRESS RAM AR PRIMARY HX MSUB NLET	EC 59 PRESS STATIC PRIMARY HX HEADER INLET	EC 60 PRESS STATIC PRIMARY HX HEADER OUTLET	EC 65 PRESS STATIC RAM AIR	PR 24 TEMP AIR INLET AIR LIP	PR 25 TEMP AIR INLET COML LIP L/M	PR 26 TEMP SURFAC AIR LIP L/M	PR 27A TEMP SURFAC COML LIP L/M 25 DEG	PR 27B TEMP SURFAC COML LIP L/M 59 DEG	PR 28 TEMP AIR INLET SPIKL TIP	PR 13 TEMP CSD L/H/M
9 13 55	-40.00	-20	.27	1.21	.4	.94	127.	208.	121.	LOM	121.	120.	161.
9 16 5	-40.00	-.43	.25	1.28	.3	.65	128.	317.	122.	LOM	121.	122.	155.
9 16 10	-40.00	-.04	.35	1.51	-.0	.91	132.	441.	121.	31.	123.	121.	148.
9 16 15	-40.00	-.02	.33	1.57	.0	.89	132.	274.	122.	*J00000.	123.	123.	150.
9 16 20	-40.00	-.23	.35	1.78	.1	.91	134.	55.	121.	LOM	121.	119.	147.
9 16 25	-40.00	-.22	.29	1.64	.2	.62	134.	104.	124.	LOM	122.	121.	153.
9 16 35	-40.00	-.47	.04	2.02	.3	.67	134.	324.	116.	LOM	117.	114.	168.
9 16 48	-40.00	-.23	.25	2.10	.2	1.03	132.	267.	118.	LOM	119.	115.	159.
9 16 45	-40.00	-.27	.27	2.26	.2	.87	134.	178.	121.	LOM	116.	114.	164.
9 16 45	-40.00	-.37	.20	2.32	.1	.67	134.	176.	123.	LOM	119.	117.	164.
9 16 50	-40.00	-.39	.23	2.55	.0	.67	136.	231.	127.	LOM	126.	127.	161.
9 16 55	-40.00	-.51	.14	2.55	.0	.79	137.	267.	126.	LOM	126.	127.	161.
9 17 0	-40.00	-.31	.20	2.51	.0	.65	136.	128.	121.	LOM	121.	115.	157.
9 17 5	-40.00	-.31	.20	2.51	.0	.70	136.	231.	122.	LOM	122.	119.	166.
9 17 10	-40.00	-.55	.20	2.50	.1	.67	134.	70.	121.	LOM	121.	116.	162.
9 17 16	-40.00	-.33	.23	2.51	.1	.62	135.	219.	123.	LOM	122.	118.	161.
9 17 21	-40.00	-.08	.23	2.51	.3	1.03	138.	289.	121.	LOM	121.	121.	177.
9 17 26	-40.00	-.86	.25	2.51	.3	1.03	138.	198.	121.	LOM	122.	121.	178.
9 17 31	-40.00	-.35	.08	2.43	.1	.70	138.	84.	121.	LOM	121.	116.	164.
9 17 36	-40.00	-.53	.23	2.51	.1	.85	138.	178.	123.	LOM	121.	116.	164.
9 17 41	-40.00	-.51	.08	2.48	.0	.67	138.	286.	121.	LOM	125.	120.	168.
9 17 46	-40.00	-.29	.22	2.43	.1	.82	137.	253.	121.	LOM	120.	117.	167.
9 17 51	-40.00	-.51	.04	2.53	.1	.70	138.	224.	121.	LOM	120.	118.	171.
9 17 56	-40.00	-.12	.23	2.52	.1	.73	138.	268.	122.	LOM	121.	119.	174.
9 18 1	-40.00	-.10	.25	2.51	.2	.97	139.	107.	120.	LOM	122.	123.	179.
9 18 6	-40.00	-.55	.12	2.43	.2	.70	139.	97.	118.	LOM	122.	123.	185.
9 18 11	-40.00	-.01	.00	2.47	-.1	.76	142.	73.	121.	LOM	123.	121.	178.
9 18 16	-40.00	-.08	.12	2.48	.3	.70	140.	115.	122.	LOM	124.	118.	176.
9 18 21	-40.00	-.22	.12	2.44	.3	.65	141.	175.	121.	LOM	118.	114.	188.
9 18 26	-40.00	-.31	.12	2.44	.2	.65	141.	117.	123.	LOM	122.	119.	188.
9 18 31	-40.00	-.41	.10	2.45	.1	.76	141.	235.	118.	LOM	122.	119.	181.
9 18 41	-40.00	-.23	.23	2.33	.0	.97	141.	176.	120.	LOM	122.	119.	187.
9 18 46	-40.00	-.33	.10	2.42	.0	.92	145.	189.	122.	LOM	122.	119.	188.
9 18 51	-40.00	-.20	.31	2.57	-.4	.82	147.	240.	121.	LOM	124.	121.	178.
9 19 1	-40.00	-.27	.31	2.51	-.2	.81	144.	175.	121.	LOM	123.	121.	184.
9 19 11	-40.00	-.45	.18	2.51	-.0	.68	146.	98.	120.	LOM	122.	121.	191.
9 19 16	-40.00	-.16	.31	2.43	-.0	.79	147.	23.	123.	*737856.	123.	121.	193.
9 19 21	-40.00	-.12	.31	2.41	.1	.91	147.	86.	121.	LOM	124.	123.	193.
9 19 26	-40.00	-.35	.20	2.51	.2	.92	148.	143.	121.	*737856.	125.	127.	198.
9 19 26	-40.00	-.43	.14	2.43	.1	.88	147.	110.	120.	LOM	123.	116.	183.
9 19 31	-43.00	-.23	.12	2.53	.1	.82	147.	100.	123.	LOM	123.	117.	187.
9 19 31	-43.00	-.20	.25	2.53	.1	.79	147.	127.	122.	LOM	123.	116.	190.
9 19 36	-40.00	-.04	.31	2.54	.2	.97	150.	62.	121.	LOM	124.	118.	189.
9 19 41	-40.00	-.08	.35	2.54	.2	.81	150.	142.	122.	*000000.	125.	121.	186.
9 19 46	-40.00	-.63	.12	2.52	.0	.79	154.	144.	124.	LOM	125.	123.	194.
9 19 59	-40.00	-.90	.12	2.52	.0	.73	154.	147.	126.	*000000.	127.	126.	195.
9 19 57	-40.00	-.20	-.04	2.52	.3	1.03	148.	157.	124.	LOM	124.	121.	193.

TIME M/N/S	07	PR 56 PRESS RAM AR PRIMRY MX MSUB NLET	PR 57 PRESS RAM AR PRIMRY MX MSUB NLET	PR 58 PRESS RAM AR PRIMRY MX MSUB NLET	PR 59 PRESS STATIC PRIMRY MX HEADEX INLET	PR 60 PRESS STATIC PRIMRY MX HEADEX OUTLET	PR 65 PRESS STATIC RAM AIR	PR 24 TEMP AIR INLET AUX LIP	PR 25 TEMP AIR INLET AUX COIL LIP L/M	PR 26 TEMP SURFAC AUX LIP L/M	PR 27A TEMP SURFAC COIL LIP L/M 25 DEG	PR 27B TEMP SURFAC COIL LIP L/M 59 DEG	PR 28 TEMP AIR INLET SPIKE TIP	PR 13 TEMP CSU L/HENG
9 20 2	-40.00	-25	.10	2.51	.02	.92	147.	102.	122.	121.	104	121.	121.	196.
9 20 7	-40.00	-31	.08	2.41	.02	.85	151.	67.	130.	125.	104	125.	125.	190.
9 20 12	-40.00	-37	.06	2.44	.01	.79	150.	93.	128.	126.	104	126.	126.	204.
9 20 17	-40.00	-59	.04	2.45	-.01	.82	151.	48.	121.	124.	104	124.	121.	193.
9 20 22	-40.00	-55	.04	2.44	-.01	.81	151.	246.	124.	125.	104	125.	123.	199.
9 20 27	-40.00	-66	.23	2.40	.01	.80	153.	203.	125.	126.	104	126.	127.	209.
9 20 32	-40.00	-63	.12	2.44	-.00	.76	153.	152.	125.	127.	104	127.	127.	210.
9 20 37	-40.00	-47	.31	2.42	-.03	1.23	154.	152.	134.	127.	104	127.	125.	207.
9 20 42	-40.00	-39	.31	2.47	-.01	1.11	152.	161.	129.	125.	104	125.	124.	203.
9 20 47	-40.00	-59	.15	2.54	-.01	.82	152.	-19.	123.	121.	104	121.	121.	209.
9 20 52	-40.00	-68	.04	2.54	-.02	.72	152.	92.	122.	121.	104	121.	121.	203.
9 20 57	-40.00	-39	.08	2.70	.01	.82	155.	110.	126.	127.	104	127.	123.	209.
9 21 2	-40.00	-49	.04	2.72	.00	.82	152.	112.	124.	126.	104	126.	122.	210.
9 21 7	-40.00	-28	.31	2.45	.02	1.17	159.	79.	128.	127.	104	127.	126.	211.
9 21 17	-40.00	-29	.14	2.38	.01	.94	156.	133.	125.	127.	104	127.	123.	214.
9 21 17	-40.00	-23	.20	2.51	-.00	1.00	160.	116.	126.	127.	104	127.	123.	206.
9 21 22	-40.00	-10	.23	2.52	-.00	1.00	159.	100.	124.	125.	104	125.	121.	203.
9 21 27	-40.00	-39	.04	2.53	.01	.88	156.	200.	121.	119.	104	119.	123.	209.
9 21 32	-40.00	-27	.12	2.59	.01	.81	157.	175.	118.	122.	104	122.	120.	208.
9 21 37	-40.00	-66	.03	2.07	0.0	.91	157.	141.	125.	127.	104	127.	124.	207.
9 21 47	-40.00	-74	.12	2.49	-.00	.85	157.	138.	123.	123.	104	123.	120.	208.
9 21 52	-40.00	-51	.20	1.77	0.0	1.20	156.	154.	123.	122.	104	122.	120.	209.
9 21 57	-40.00	-37	.16	1.71	.00	1.01	156.	144.	123.	122.	104	122.	120.	208.
9 22 2	-40.00	-51	.03	1.63	0.0	.91	151.	102.	127.	126.	104	126.	130.	217.
9 22 7	-40.00	-35	.10	1.63	.01	.70	153.	102.	127.	127.	104	127.	127.	215.
9 22 12	-40.00	-20	.31	1.62	.01	1.03	155.	71.	126.	127.	104	127.	123.	203.
9 22 17	-40.00	-23	.31	1.62	.01	1.00	165.	88.	126.	127.	104	127.	125.	208.
9 22 22	-40.00	-12	.04	1.62	-.00	.70	167.	206.	130.	127.	104	127.	125.	213.
9 22 27	-40.00	-31	.04	1.63	-.00	.74	166.	170.	128.	127.	104	127.	125.	214.
9 22 35	-40.00	-35	.43	1.62	0.0	1.03	164.	90.	127.	128.	104	128.	125.	209.
9 22 38	-40.00	-43	.41	1.61	-.00	.98	154.	186.	126.	127.	104	127.	125.	211.
9 22 43	-40.00	-20	.20	1.55	-.00	.50	152.	229.	121.	127.	104	127.	124.	217.
9 22 48	-40.00	-35	.31	1.55	-.01	.72	151.	214.	121.	127.	104	127.	122.	223.
9 22 53	-40.00	-41	.14	1.54	.01	.97	155.	180.	125.	126.	104	126.	121.	221.
9 22 58	-40.00	-27	.27	1.53	-.02	.85	166.	157.	128.	127.	104	127.	124.	215.
9 23 3	-40.00	-59	.13	1.52	-.01	.91	165.	123.	131.	127.	104	127.	123.	221.
9 23 8	-40.00	-47	.12	1.52	.01	.75	154.	116.	130.	128.	104	128.	123.	224.
9 23 13	-40.00	-16	.12	1.53	.02	.70	153.	105.	127.	128.	104	127.	119.	226.
9 23 18	-40.00	-22	.05	1.53	.02	.65	154.	115.	123.	127.	104	127.	127.	221.
9 23 23	-40.00	-10	.08	1.50	-.03	.70	152.	228.	128.	127.	104	127.	127.	226.
9 23 28	-40.00	-08	.12	1.52	0.0	.74	164.	201.	126.	129.	104	129.	126.	223.
9 23 33	-40.00	-39	.35	1.52	.01	1.00	157.	157.	124.	127.	104	127.	126.	221.
9 23 38	-40.00	-31	.31	1.53	.01	.95	158.	159.	125.	128.	104	128.	127.	220.
9 23 43	-40.00	-51	.23	1.61	-.01	.88	158.	167.	125.	127.	104	127.	125.	222.
9 23 48	-40.00	-51	.23	1.61	-.00	.55	159.	182.	125.	127.	104	127.	124.	222.
9 23 53	-40.00	-35	.23	1.53	0.0	.97	166.	182.	125.	127.	104	127.	124.	223.
9 23 58	-40.00	-43	.41	1.53	-.00	.97	166.	143.	126.	127.	104	127.	127.	229.
9 24 3	-40.00	-37	.43	1.61	0.0	1.03	158.	200.	123.	125.	104	125.	123.	224.
		-37	.43	1.61	.01	1.03	157.	195.	123.	127.	104	127.	124.	229.

TIME H/M/S	EC 56 PRESS RAM AR PRIMRY MX MSUB NLET	EC 57 PRESS RAM AR PRIMRY MX MSUB NLET	EC 58 PRESS RAM AR PRIMRY MX MSUB NLET	EC 59 PRESS STATIC PRIMRY MX HEADER INLET	EC 60 PRESS STATIC PRIMRY MX HEADER OUTLET	EC 65 PRESS STATIC RAM AIR	PR 24 TEMP AIR INLET AJX LIP	PR 25 TEMP AIR INLET COML LIP L/M	PR 26 TEMP SURFAC AJX LIP L/M	PR 27A TEMP SURFAC LJML LIP L/M 25 DEG	PR 27B TEMP SURFAC COML LIP L/M 59 DEG	PR 28 TEMP AIR INLET SPIKE TIP	PR 13 TEMP CSO L/MENG
9 24 8	-40.00	-43	-20	1.57	0.0	.68	171.	103.	123.	LO4	127.	124.	221.
9 24 13	-40.00	-22	.18	1.53	.1	.69	172.	125.	124.	LO4	127.	124.	221.
9 24 23	-40.00	-63	.04	1.53	.0	.79	170.	95.	123.	LO4	125.	119.	226.
9 24 23	-40.00	-43	.10	1.23	.0	.73	169.	121.	124.	LO4	125.	121.	224.
9 24 23	-40.00	-39	.27	.94	.2	.65	167.	121.	125.	LO4	127.	121.	259.
9 24 23	-40.00	-27	.27	.33	.2	.78	162.	156.	126.	LO4	125.	123.	255.
9 24 23	-40.00	-16	.31	.33	.2	.91	156.	90.	127.	LO4	127.	125.	246.
9 24 31	-40.00	-27	.31	.33	.2	.92	156.	92.	126.	LO4	127.	125.	246.
9 24 31	-40.00	-47	.23	.95	.1	.76	161.	123.	123.	LO4	126.	125.	255.
9 24 31	-40.00	-49	.20	.97	.0	.64	150.	112.	124.	LO4	122.	125.	259.
9 24 46	-40.00	-66	.12	.97	.0	.65	163.	150.	121.	LO4	121.	121.	250.
9 24 56	-40.00	-57	.04	.97	.0	.62	162.	45.	121.	LO4	121.	124.	253.
9 24 56	-40.00	-35	.31	.97	.0	.79	160.	67.	131.	LO4	128.	130.	254.
9 29 1	-40.00	-41	.22	.95	.0	.70	150.	115.	129.	LO4	128.	127.	252.
9 29 6	-40.00	-31	.27	.97	.1	.76	159.	169.	128.	LO4	128.	123.	256.
9 29 11	-40.00	-33	.20	.95	.0	.72	150.	138.	125.	LO4	128.	126.	257.
9 29 16	-40.00	-51	.23	.95	.0	.71	161.	161.	124.	LO4	123.	123.	267.
9 29 16	-40.00	-23	.29	.97	.1	.73	153.	99.	126.	LO4	125.	125.	260.
9 29 21	-40.00	-60	.04	.98	.2	.68	153.	123.	125.	LO4	125.	125.	266.
9 29 26	-40.00	-20	.22	.93	.3	.91	153.	93.	126.	LO4	126.	125.	264.
9 29 31	-40.00	-59	.08	.95	.1	.67	163.	130.	127.	LO4	127.	125.	261.
9 29 36	-40.00	-47	.27	.95	.2	.85	153.	125.	127.	LO4	127.	126.	257.
9 29 41	-40.00	-39	.43	.95	.2	.76	150.	90.	127.	LO4	125.	125.	256.
9 29 47	-40.00	-23	.23	.94	.1	.74	160.	74.	127.	LO4	127.	126.	259.
9 29 52	-40.00	-55	.33	.95	.1	.94	157.	150.	126.	LO4	128.	120.	249.
9 29 55	-40.00	-31	.31	.96	.0	.91	158.	140.	126.	LO4	127.	127.	254.
9 30 2	-40.00	-08	.23	.93	.2	.91	158.	24.	125.	LO4	127.	127.	254.
9 30 7	-40.00	-06	.31	.94	.3	.97	158.	49.	125.	LO4	127.	127.	256.
9 30 12	-40.00	-23	.12	1.00	.6	.67	158.	73.	125.	LO4	126.	121.	260.
9 30 17	-40.00	-20	.12	.33	.3	.73	157.	81.	126.	LO4	124.	125.	266.
9 30 22	-40.00	-65	.39	.97	.2	.91	159.	37.	125.	LO4	127.	121.	265.
9 30 27	-40.00	-45	.18	.97	.1	.74	160.	62.	126.	LO4	125.	122.	262.
9 30 32	-40.00	-06	.08	.98	.0	.76	159.	85.	123.	LO4	125.	117.	268.
9 30 37	-40.00	-37	.18	.98	.1	.82	160.	126.	125.	LO4	127.	120.	263.
9 30 42	-40.00	-27	.43	1.00	.2	1.03	153.	54.	128.	LO4	124.	123.	260.
9 30 47	-40.00	-27	.33	.97	.2	.95	161.	56.	127.	LO4	125.	126.	261.
9 30 52	-40.00	-14	.27	.97	.0	.91	154.	90.	122.	LO4	125.	126.	263.
9 30 57	-40.00	-47	.27	1.00	.1	.91	154.	101.	124.	LO4	126.	124.	263.
9 31 2	-40.00	-35	.23	1.02	.3	.64	161.	149.	125.	LO4	127.	124.	265.
9 31 7	-40.00	-55	.35	.94	.1	.76	161.	119.	125.	LO4	127.	124.	264.
9 31 12	-40.00	-35	.22	.98	.1	.73	162.	119.	126.	LO4	129.	125.	263.
9 31 17	-40.00	-00	.43	.94	.2	1.00	153.	106.	126.	LO4	129.	125.	270.
9 31 22	-40.00	-20	.43	.94	.2	.94	160.	147.	125.	LO4	127.	125.	270.
9 31 32	-40.00	-47	.00	.95	.0	.58	160.	141.	127.	LO4	124.	127.	273.
9 31 37	-40.00	-27	.05	.95	.0	.55	154.	80.	126.	LO4	126.	123.	272.
9 31 42	-40.00	-51	.43	1.12	.2	1.03	161.	33.	128.	LO4	128.	127.	266.
9 31 47	-40.00	-39	.33	1.10	.1	.98	158.	60.	125.	LO4	124.	125.	271.
9 31 52	-40.00	-35	.33	1.51	.1	.94	155.	34.	125.	LO4	127.	123.	266.
9 31 57	-40.00	-27	.20	1.52	.1	.87	150.	71.	125.	LO4	126.	123.	266.
9 31 57	-40.00	-86	.20	1.75	.0	.94	152.	50.	127.	LO4	128.	126.	268.

TIME M/H/S	EC 56 PRESS RAM AR PRIMRY HX MSUB NLET	EC 57 PRESS RAM AR PRIMRY HX MSUB NLET	EC 58 PRESS RAM AR PRIMRY HX MSUB NLET	EC 59 PRESS STATIC PRIMRY HX HEADER INLET	EC 60 PRESS STATIC PRIMRY HX HEADER OUTLET	EC 65 PRESS STATIC RAM AIR	PR 24 TEMP AIR INLET AUX LIP	PK 25 TEMP AIR INLET COML LIP L/M	PP 26 TEMP SURFAC AUX LIP L/M	PR 27A TEMP SURFAC COML LIP L/M 25 DEG	PK 27B TEMP SURFAC COML LIP L/M 59 DEG	PR 28 TEMP AIR INLET SPIKE TIP	PR 13 TEMP USO L/HENJ
9 32 2	-40.00	-59	.22	1.77	.2	.97	152.	28.	127.	LOW	127.	125.	266.
9 32 7	-40.00	-08	.35	1.78	-0	.82	148.	79.	126.	LOW	128.	127.	270.
9 32 12	-40.00	-27	.39	1.79	-0	.89	147.	58.	127.	LOW	127.	125.	272.
9 32 17	-40.00	-20	.47	1.84	.3	1.06	141.	77.	124.	LOW	125.	125.	276.
9 32 22	-40.00	-22	.23	1.82	.1	.69	142.	56.	126.	LOW	126.	127.	274.
9 32 28	-40.00	0.00	.39	1.84	.3	.70	142.	43.	126.	LOW	124.	121.	273.
9 32 33	-40.00	0.00	.20	1.84	.2	.57	142.	84.	124.	LOW	124.	120.	274.
9 32 38	-40.00	-39	.09	1.84	.3	.50	137.	84.	125.	LOW	125.	124.	278.
9 32 43	-40.00	-39	.29	1.83	.2	.78	137.	82.	125.	LOW	125.	124.	279.
9 32 48	-40.00	-12	.23	1.98	.2	.97	140.	119.	125.	LOW	125.	123.	278.
9 32 53	-40.00	-25	.27	2.03	.2	1.00	139.	99.	129.	LOW	127.	123.	271.
9 32 58	-40.00	-20	.15	2.13	.2	.79	135.	31.	127.	LOW	126.	127.	270.
9 33 3	-40.00	-35	.14	2.52	.3	.78	136.	66.	126.	LOW	127.	130.	272.
9 33 8	-40.00	-23	.35	3.92	.2	.85	131.	155.	128.	LOW	127.	128.	272.
9 33 13	-40.00	-29	.18	3.90	.2	.82	132.	146.	126.	LOW	128.	123.	274.
9 33 18	-40.00	-55	-.04	3.83	0.0	.70	131.	132.	124.	LOW	127.	126.	272.
9 33 23	-40.00	-59	.02	3.84	0.0	.79	131.	116.	124.	LOW	126.	125.	271.
9 33 28	-40.00	-31	.23	3.87	.2	1.03	127.	121	125.	LOW	127.	121.	280.
9 33 33	-40.00	-45	.41	3.85	-0	.92	129.	65.	123.	LOW	126.	121.	289.
9 33 38	-40.00	-27	.04	3.80	.2	.70	126.	50.	127.	LOW	125.	124.	276.
9 33 43	-40.00	-55	.27	3.86	.1	.81	128.	91.	125.	LOW	125.	125.	275.
9 33 48	-40.00	-51	.20	3.83	0.0	.97	130.	145.	125.	LOW	125.	123.	270.
9 33 53	-40.00	-33	.09	3.85	.1	.91	130.	110.	123.	LOW	125.	123.	273.
9 33 58	-40.00	-78	.04	3.84	-0	.77	128.	130.	126.	LOW	125.	125.	266.
9 34 3	-40.00	-59	.22	3.81	.1	.88	128.	76.	127.	LOW	126.	125.	284.
9 34 8	-40.00	-20	0.00	3.85	.1	.94	128.	58.	127.	LOW	127.	125.	273.
9 34 13	-40.00	-22	.22	3.86	.2	1.00	128.	87.	127.	LOW	126.	125.	273.
9 34 18	-40.00	0.00	.31	3.81	.2	.94	128.	106.	126.	LOW	126.	125.	273.
9 34 23	-40.00	-33	.27	3.81	.2	.91	128.	54.	121.	LOW	126.	125.	276.
9 34 28	-40.00	-08	.15	.93	-0	.79	132.	120.	124.	LOW	125.	125.	274.
9 34 33	-40.00	-31	.12	.98	-0	1.00	134.	120.	121.	LOW	125.	125.	288.
9 34 38	-40.00	-47	.27	1.03	.1	1.06	134.	124.	123.	LOW	126.	126.	288.
9 34 43	-40.00	-41	.29	1.02	.1	1.06	142.	28.	124.	LOW	123.	125.	275.
9 34 48	-40.00	-39	.43	1.03	.1	1.06	142.	13.	124.	LOW	125.	125.	273.
9 34 53	-40.00	-29	.33	1.01	.1	.97	143.	14.	131.	LOW	125.	125.	282.
9 35 3	-40.00	-31	.43	1.01	.2	.94	142.	72.	127.	LOW	125.	125.	281.
9 35 8	-40.00	-41	.35	.87	.2	.92	142.	216.	128.	LOW	125.	127.	296.
9 35 13	-40.00	-35	.23	.73	.1	.91	147.	149.	128.	LOW	125.	127.	283.
9 35 18	-40.00	-23	.23	.73	.1	.88	150.	58.	127.	LOW	126.	126.	271.
9 35 23	-40.00	-04	.20	.73	0.0	.73	150.	76.	127.	LOW	128.	121.	276.
9 35 28	-40.00	-18	.19	.53	0.0	.51	150.	128.	127.	LOW	128.	127.	275.
9 35 33	-40.00	-31	.08	.53	-0	.73	157.	88.	132.	LOW	126.	127.	275.
9 35 38	-40.00	-33	.25	.73	.1	.85	168.	15.	128.	LOW	125.	125.	274.
9 35 43	-40.00	-31	.35	.73	.1	.85	169.	14.	128.	LOW	126.	124.	272.
9 35 48	-40.00	-29	.29	.74	.0	.80	169.	152.	126.	LOW	125.	126.	293.
9 35 53	-40.00	-31	0.00	.03	-0	.51	167.	158.	126.	LOW	125.	124.	291.
9 35 58	-40.00	-25	.08	.51	-0	.51	168.	139.	128.	LOW	127.	128.	294.
9 36 3	-40.00	-27	-.04	.57	-3	.73	170.	138.	127.	LOW	127.	125.	285.
9 36 8	-40.00	-25	-.20	.63	-1	.73	175.		127.	LOW	127.		

TIME MM/SS	EQ 56 PRESS RAM AR PRIMARY MX MSUB NLET	EQ 57 PRESS RAM AR PRIMARY MX MSUB NLET	EQ 58 PRESS RAM AR PRIMARY MX MSUB NLET	EQ 59 PRESS STATIC PRIMARY MX HEADER INLET	EQ 60 PRESS STATIC PRIMARY MX HEADER OUTLET	EC 65 PRESS STATIC RAM AIR	PR 24 TEMP AIR INLET AJX LIP	PR 25 TEMP AIR INLET COML LIP L/H	PR 26 TEMP SURFAC AUX LIP L/H	PR 27A TEMP SURFAC COML LIP L/H	PR 27J TEMP SURFAC COML LIP L/H	PR 28 TEMP AIR INLET SPIKE TIP	PR 13 TEMP CSO L/HENG
9 36 9	-40.00	-41	.15	.70	-.1	.76	172.	152.	128.	LOW	125.	121.	295.
9 36 14	-40.00	-49	.22	.73	-.0	.76	170.	182.	127.	LOW	125.	120.	293.
9 36 19	-40.00	-28	.39	.72	.2	1.00	172.	217.	128.	LOW	128.	128.	295.
9 36 24	-40.00	-25	.20	.70	.1	.70	174.	180.	127.	LOW	128.	128.	296.
9 36 29	-40.00	-43	.35	.69	.1	.91	176.	61.	129.	LOW	128.	132.	293.
9 36 34	-40.00	-39	.31	.67	.8	.78	175.	42.	127.	LOW	127.	127.	291.
9 36 44	-40.00	-23	.31	.67	-.1	.82	176.	208.	128.	LOW	127.	124.	301.
9 36 49	-40.00	-33	.29	.68	.8	.75	175.	226.	125.	LOW	126.	126.	297.
9 36 54	-40.00	-70	.12	.64	.8	.79	179.	121.	126.	LOW	126.	113.	280.
9 36 59	-40.00	-41	.12	.72	-.1	.78	175.	88.	127.	LOW	128.	124.	281.
9 37 4	-40.00	-94	.12	.57	-.8	.62	180.	120.	126.	LOW	125.	123.	282.
9 37 9	-40.00	-78	.23	.64	.1	.82	181.	45.	127.	LOW	126.	123.	288.
9 37 14	-40.00	0.00	.51	.71	-.0	1.09	178.	206.	127.	LOW	127.	129.	302.
9 37 19	-40.00	-31	.53	.64	0.0	.95	179.	224.	127.	LOW	127.	130.	294.
9 37 24	-40.00	8.80	.31	.73	-.8	1.03	180.	176.	127.	LOW	127.	126.	298.
9 37 29	-40.00	-.08	.25	.64	-.0	.91	180.	149.	126.	LOW	127.	124.	292.
9 37 34	-40.00	-51	.31	.67	.1	.82	181.	156.	125.	LOW	125.	121.	285.
9 37 48	-40.00	-45	.23	.72	-.1	.70	182.	133.	126.	LOW	128.	121.	280.
9 37 48	-40.00	-66	.23	.95	.2	.70	185.	142.	127.	LOW	127.	122.	281.
9 37 58	-40.00	-43	.35	.92	.1	.75	182.	147.	126.	LOW	127.	122.	280.
9 37 58	-40.00	-23	.35	1.03	.1	.70	185.	72.	128.	LOW	128.	125.	282.
9 38 0	-40.00	-29	.22	.98	-.0	.63	185.	149.	126.	LOW	116.	126.	308.
9 38 5	-40.00	-35	.08	.90	-.3	.70	180.	141.	128.	LOW	123.	130.	296.
9 38 10	-40.00	-31	.04	.95	-.2	.78	182.	148.	128.	LOW	127.	125.	287.
9 38 15	-40.00	-28	.08	.94	0.0	.70	183.	148.	127.	LOW	127.	123.	285.
9 38 20	-40.00	-33	.05	.97	.1	.44	182.	256.	126.	LOW	128.	123.	307.
9 38 25	-40.00	-23	.12	.97	-.0	.63	182.	256.	127.	LOW	128.	120.	300.
9 38 30	-40.00	-74	.12	.90	0.0	.79	183.	237.	124.	LOW	123.	121.	303.
9 38 35	-40.00	-43	.27	.93	.1	.87	184.	179.	124.	LOW	125.	123.	295.
9 38 40	-40.00	-.04	.39	.94	.2	1.03	193.	265.	126.	LOW	127.	116.	388.
9 38 45	-40.00	-.02	.37	.90	.1	.85	184.	211.	128.	LOW	127.	117.	296.
9 38 50	-40.00	-.04	.20	.95	.3	.85	186.	54.	126.	LOW	129.	131.	289.
9 38 55	-40.00	-.02	.27	.95	.3	.85	187.	116.	133.	LOW	127.	130.	291.
9 39 0	-40.00	-.12	.31	.95	.2	1.11	182.	209.	127.	LOW	127.	125.	291.
9 39 5	-40.00	-.10	.33	.90	.2	1.01	183.	234.	126.	LOW	127.	124.	294.
9 39 10	-40.00	-.51	.27	.95	.2	.82	187.	66.	128.	LOW	128.	130.	287.
9 39 20	-40.00	-.39	.35	.97	.2	.87	188.	103.	130.	LOW	129.	130.	298.
9 39 20	-40.00	-.06	.15	.95	.1	.85	185.	183.	127.	LOW	127.	127.	288.
9 47 5	-40.00	-.57	.15	1.01	.2	.67	181.	152.	130.	LOW	127.	131.	293.
9 47 11	-40.00	-.27	.12	.90	.1	.82	176.	190.	124.	LOW	123.	126.	324.
9 47 16	-40.00	-.14	.20	.97	.1	.87	176.	194.	127.	LOW	126.	130.	314.
9 48 25	-40.00	-.88	.31	.94	.1	.94	176.	112.	125.	LOW	120.	125.	319.
9 48 30	-40.00	-.82	.33	.94	.0	1.00	176.	294.	126.	LOW	129.	127.	312.
9 48 35	-40.00	-.23	.31	.96	-.0	.73	176.	294.	127.	LOW	130.	130.	300.
10 0 22	-40.00	-.23	.27	.93	-.4	.75	175.	147.	127.	LOW	131.	127.	313.
10 0 27	-40.00	0.00	.53	1.21	-.0	.91	170.	194.	134.	LOW	138.	132.	311.
10 0 32	-40.00	-.25	.55	1.34	.0	.85	171.	171.	132.	LOW	131.	130.	312.
10 0 37	-40.00	0.00	.27	1.39	.8	.73	170.	308.	121.	LOW	120.	120.	322.

TIME H/M/S	EC 56 PRESS RAM AR PRIMRY HX MSUB NLET	EC 57 PRESS RAM AR PRIMRY HX MSUB NLET	EC 58 PRESS RAM AR PRIMRY HX MSUB NLET	EC 59 PRESS STATIC PRIMRY HX HEADER INLET	EC 60 PRESS STATIC PRIMRY HX HEADER OUTLET	EC 65 PRESS STATIC RAM AIR	PR 24 TEMP AIR AJK LIP	PR 25 TEMP AIR INLET COML LIP L/H	PR 26 TEMP SURFAC AUX LIP L/H	PR 27A TEMP SURFAC COML LIP L/H 2 JEG	PR 27B TEMP SURFAC COML LIP L/H 59 DEG	PR 28 TEMP AIR INLET SPIKE TIP	PR 13 TEMP CSJ L/HENG
10 0 42	-40.00	-0.00	.27	1.63	.0	.61	171.	304.	118.	LOM	128.	128.	320.
10 0 47	-40.00	-.03	.27	1.60	.2	.56	172.	194.	125.	LOM	124.	134.	330.
10 0 52	-40.00	-.47	.18	1.65	.3	.79	172.	245.	126.	LOM	126.	130.	322.
10 0 57	-40.00	.31	.47	1.54	.0	.94	173.	310.	123.	LOM	128.	132.	320.
10 1 2	-40.00	-.02	.23	1.65	.0	.83	173.	253.	128.	LOM	129.	127.	317.
10 1 12	-40.00	.26	.47	1.62	-.3	.97	174.	176.	129.	LOM	131.	124.	312.
10 1 17	-40.00	-.10	.22	1.75	-.1	.83	173.	230.	129.	LOM	131.	127.	311.
10 1 22	-40.00	.16	.43	2.31	-.1	.85	174.	160.	132.	LOM	130.	124.	311.
10 1 27	-40.00	-.08	.25	2.07	.1	.82	173.	190.	130.	LOM	130.	126.	312.
10 1 32	-40.00	-.16	.47	2.16	.1	1.06	176.	150.	134.	LOM	131.	128.	314.
10 1 37	-40.00	-.35	.23	2.17	-.0	.85	176.	134.	130.	LOM	133.	123.	314.
10 1 42	-40.00	-.43	.31	2.15	-.2	.94	170.	150.	131.	LOM	130.	124.	309.
10 1 47	-40.00	-.55	.22	2.34	.1	.89	171.	222.	127.	LOM	136.	135.	316.
10 1 52	-40.00	-.35	.43	2.74	.0	.88	175.	200.	128.	LOM	131.	125.	310.
10 1 57	-40.00	-.12	.27	2.53	-.1	1.00	176.	190.	129.	LOM	125.	134.	327.
10 2 2	-40.00	-.06	.39	2.51	.0	.93	173.	229.	125.	LOM	127.	137.	327.
10 2 7	-40.00	-.23	.27	2.61	-.1	.73	177.	123.	125.	LOM	132.	132.	332.
10 2 13	-40.00	-.23	.33	2.53	.0	.89	176.	139.	124.	LOM	130.	135.	331.
10 2 18	-40.00	-.14	.41	2.55	.0	1.06	172.	46.	125.	LOM	128.	134.	324.
10 2 23	-40.00	-.51	.41	2.03	.3	.98	177.	66.	125.	LOM	128.	130.	320.
10 2 28	-40.00	-.39	.04	1.41	.2	.84	174.	143.	127.	LOM	134.	133.	384.
10 2 33	-40.00	-.59	.55	.73	.2	.91	175.	107.	128.	LOM	132.	132.	312.
10 2 38	-40.00	-.33	.41	.70	.1	.92	177.	87.	127.	LOM	129.	128.	307.
10 2 43	-40.00	-.00	.43	.73	-.3	.91	178.	135.	126.	LOM	130.	130.	321.
10 2 48	-40.00	-.14	.33	.73	.0	.90	179.	116.	132.	LOM	131.	129.	330.
10 2 53	-40.00	-.27	.31	.71	-.2	.70	178.	141.	129.	LOM	129.	134.	334.
10 2 58	-40.00	-.55	.29	.72	.0	.91	180.	107.	128.	LOM	124.	130.	327.
10 3 3	-40.00	-.31	.31	.75	.2	.91	179.	74.	129.	LOM	132.	128.	326.
10 3 8	-40.00	.22	.22	.90	.1	.78	175.	166.	128.	LOM	132.	120.	318.
10 3 13	-40.00	.00	.00	.97	-.2	.02	178.	230.	125.	LOM	130.	123.	316.
10 3 18	-40.00	-.27	.08	.97	-.1	.09	177.	174.	127.	LOM	131.	126.	316.
10 3 23	-40.00	-.20	.27	1.01	.0	.85	177.	191.	128.	LOM	140.	123.	309.
10 3 28	-40.00	-.12	.33	1.01	.0	.79	178.	120.	128.	LOM	136.	123.	314.
10 3 33	-40.00	-.08	.33	1.01	.1	1.26	181.	55.	125.	LOM	131.	120.	323.
10 3 38	-40.00	-.12	.33	1.02	.1	.73	190.	159.	128.	LOM	128.	126.	325.
10 3 43	-40.00	-.47	.16	.43	.3	.85	179.	214.	127.	LOM	129.	126.	339.
10 3 48	-40.00	-.33	.23	.20	.2	.78	177.	231.	124.	LOM	129.	128.	334.
10 3 53	-40.00	-.31	.20	.03	.0	.73	172.	LOM	130.	LOM	127.	129.	325.
10 4 3	-40.00	-.25	.25	.03	-.1	.63	172.	000000.	126.	LOM	127.	126.	325.
10 4 8	-40.00	-.12	.20	0.00	-.1	.41	170.	39.	126.	LOM	124.	120.	319.

C COMMUTATOR

TIME H/M/S	PR 14 TEMP MASS GEAR CASE	PR 15 TEMP MASS MAIN FUEL CONTROL L/HENG	PR 29 TEMP SURFAC SPIKE TIP	PR 31 TEMP AIR INLET ANTI ICE FR FRA	EC 67 TEMP MANFLD VORTEX GENOTR	AF 10 PRESS A/B FUEL CONTRL INLET	AF 11 PRESS A/3 FJEL OUTLET	SP 2 PRESS HYD OIL INLET JTL PUMP	SP 4 PRESS HYD OIL OUTLET UTL PUMP	SP 6 PRESS HYD OIL INLET PRIMARY PUMP	SP 8 PRESS HYD OIL OUTLET PRIMARY PUMP	AF 14 PRESS AIR FUEL FUEL TANK COOLER OUTLET L/HENG	
0 57 9	117.	117.	130.	119.	113.	-23.	5.4	103.4	39.	101.	24.	.04	2.
0 57 14	117.	117.	130.	118.	113.	-22.	4.6	103.0	54.	101.	29.	.03	2.
0 57 19	117.	117.	130.	119.	119.	-25.	3.3	102.5	49.	101.	10.	0.00	-1.
0 57 24	117.	116.	131.	119.	118.	-25.	4.2	102.9	61.	100.	17.	0.00	-0.
0 57 29	117.	117.	131.	118.	117.	-25.	5.4	102.1	39.	101.	-10.	.12	-0.
0 57 34	117.	117.	132.	118.	118.	-20.	5.4	102.3	51.	100.	0.	.12	0.
0 57 39	117.	117.	132.	119.	118.	-25.	5.4	102.3	26.	101.	0.	.09	0.
0 57 44	117.	117.	133.	119.	118.	-24.	5.1	103.2	27.	100.	0.	.07	0.
0 57 49	117.	117.	134.	118.	119.	-23.	6.4	104.3	15.	101.	34.	.03	1.
0 57 54	117.	117.	134.	118.	119.	-26.	6.4	104.3	27.	101.	24.	.03	0.
0 58 4	117.	117.	134.	119.	118.	-23.	5.4	103.1	44.	100.	20.	.01	0.
0 58 9	117.	117.	135.	119.	119.	-22.	5.1	102.9	29.	100.	12.	.05	-0.
0 58 14	117.	116.	137.	119.	119.	-23.	5.9	103.4	5.	101.	10.	.04	2.
0 58 19	117.	116.	137.	119.	119.	-20.	5.6	102.6	22.	101.	24.	.01	0.
0 58 24	116.	117.	136.	119.	119.	-25.	5.4	101.0	-5.	101.	24.	.13	1.
0 58 29	117.	117.	137.	119.	119.	-24.	5.4	101.9	32.	100.	34.	.07	0.
0 58 34	117.	116.	138.	118.	118.	-22.	6.4	104.0	20.	102.	15.	.10	2.
0 58 39	117.	117.	138.	120.	119.	-23.	5.6	103.7	24.	102.	2.	.10	1.
0 58 44	116.	117.	138.	121.	118.	-22.	5.9	103.7	49.	101.	24.	.07	3.
0 58 49	117.	117.	138.	118.	118.	-23.	5.6	103.3	27.	101.	17.	.03	2.
0 58 54	117.	118.	138.	118.	118.	-27.	5.4	102.2	54.	101.	20.	.02	0.
0 59 0	117.	118.	138.	118.	118.	-27.	5.1	102.2	49.	101.	17.	.02	0.
0 59 5	117.	117.	141.	121.	117.	-23.	5.3	102.4	44.	100.	10.	.07	0.
0 59 10	117.	117.	141.	120.	117.	-23.	5.3	102.4	32.	100.	10.	.07	0.
0 59 15	117.	118.	139.	120.	119.	-22.	7.1	102.3	54.	100.	15.	.06	0.
0 59 20	117.	123.	139.	119.	118.	-23.	5.4	101.8	37.	100.	27.	.04	0.
9 10 10	117.	120.	142.	119.	117.	-20.	5.4	103.5	34.	101.	20.	.03	2.
9 10 23	117.	119.	140.	120.	118.	-0.	5.4	100.5	20.	98.	15.	.02	3.
9 10 28	117.	118.	140.	120.	113.	4.	5.9	87.4	73.	81.	15.	.07	0.
9 10 33	119.	118.	140.	120.	120.	2.	6.1	82.8	42.	81.	15.	.07	0.
9 10 38	116.	117.	140.	121.	117.	-10.	4.4	83.4	5.	81.	-20.	.05	4.
9 10 43	116.	117.	140.	121.	119.	-3.	5.9	83.9	0.	81.	-15.	.02	3.
9 10 53	117.	117.	145.	119.	121.	4.	5.8	82.1	5.	81.	0.	.15	0.
9 10 58	117.	117.	145.	119.	120.	-1.	6.4	82.1	0.	81.	2.	.04	0.
9 11 3	117.	117.	147.	120.	119.	0.	5.9	85.0	-34.	81.	-7.	.04	0.
9 11 13	118.	118.	147.	118.	121.	0.	5.4	84.8	24.	81.	5.	.04	0.
9 11 23	118.	118.	143.	119.	117.	-2.	6.0	79.9	29.	81.	17.	.04	0.
9 11 28	117.	117.	140.	121.	118.	0.	5.4	75.5	-24.	81.	0.	.22	1.
9 11 33	117.	117.	140.	120.	119.	0.	5.9	74.6	-12.	81.	39.	.26	3.
9 11 38	117.	117.	140.	118.	120.	0.	6.1	74.7	2.	81.	34.	.10	2.
9 11 43	118.	117.	146.	119.	118.	0.	11.7	74.8	-44.	81.	-10.	.21	3.
						-1.	9.0	75.1	-24.	82.	-27.	.23	3.
						-4.	5.4	75.1	10.	83.	0.	.10	-0.

TIME H/M/S	PR 14 TEMP MASS GEAR CASE	PR 15 TEMP MASS RAIN FUEL CONTROL L/HENG	PR 23 TEMP SURFAC SPIKE TIP	PR 31 TEMP AIR INLET ANTI ICE FR FRA	EC 57 TEMP MAN-FL VORTEX GENRTR	AF 10 PRESS A/B FUEL CONTRL INLET	AF 11 PRESS A/3 FUEL CONTRL OUTLET	SP 2 PRESS HYD OIL INLET PUMP	SP 4 PRESS HYD OIL OUTLET PUMP	SP 6 PRESS HYD OIL INLET PUMP	SP 8 PRESS HYD OIL OUTLET PUMP	AF 14 PRESS AIR FWD FUEL TANK	AF 18 PRESS FUEL OIL COOLER OUTLET L/HENG
9 51 48	118.	117.	145.	119.	119.	-3.	5.1	75.4	10.	83.	0.	.07	2.
9 11 53	117.	116.	144.	118.	118.	4.	5.4	75.1	0.	84.	-10.	-.09	4.
9 51 58	117.	117.	144.	119.	119.	2.	5.4	75.6	2.	84.	7.	-.04	1.
9 12 4	122.	117.	146.	119.	117.	4.	5.4	76.0	-24.	84.	18.	.04	0.
9 12 9	120.	118.	145.	119.	119.	2.	5.4	77.6	-12.	84.	-10.	-.01	2.
9 12 14	117.	117.	145.	119.	119.	0.	5.4	76.8	15.	84.	10.	0.00	1.
9 12 19	117.	116.	145.	119.	119.	16.	5.9	77.1	24.	83.	10.	.15	1.
9 12 24	117.	120.	145.	119.	116.	16.	5.9	76.5	-20.	83.	0.	.23	4.
9 12 29	118.	119.	143.	128.	118.	8.	5.1	76.5	-12.	83.	5.	.34	3.
9 12 34	117.	116.	146.	119.	118.	-2.	5.4	76.1	24.	83.	49.	.31	3.
9 12 39	117.	116.	145.	119.	119.	5.	5.9	74.3	1486.	82.	1290.	.25	4.
9 12 44	123.	117.	141.	120.	119.	500.	5.8	76.0	2889.	80.	1271.	-.15	6.
9 12 49	131.	118.	144.	119.	119.	773.	5.8	75.7	2889.	81.	2821.	-.20	16.
9 12 54	143.	118.	145.	119.	120.	1085.	5.9	73.8	2952.	81.	2821.	-.44	16.
9 12 59	145.	117.	145.	119.	119.	1090.	5.9	75.8	2969.	82.	2821.	-.31	27.
9 13 4	150.	117.	143.	121.	119.	1110.	5.4	75.8	2967.	83.	2821.	-.22	47.
9 13 9	149.	118.	143.	118.	119.	1107.	5.4	76.5	3034.	84.	2821.	.29	49.
9 13 14	161.	119.	144.	119.	119.	1137.	9.3	77.9	2977.	79.	2821.	.45	53.
9 13 19	165.	119.	144.	119.	120.	1107.	8.6	77.3	2886.	79.	2821.	.21	53.
9 13 29	168.	121.	144.	118.	119.	1110.	3.4	76.5	2923.	80.	2821.	.07	52.
9 13 34	161.	121.	144.	118.	119.	1111.	8.6	77.1	3001.	80.	2821.	.33	51.
9 13 39	146.	121.	144.	121.	118.	1110.	5.9	75.5	3025.	80.	2821.	.21	53.
9 13 39	146.	121.	144.	121.	118.	1112.	7.3	79.4	3052.	81.	2821.	.06	54.
9 13 44	143.	121.	145.	118.	120.	1110.	4.4	77.3	2933.	80.	2821.	.13	57.
9 13 49	143.	121.	144.	119.	120.	1110.	5.8	77.8	2972.	80.	2821.	-.23	58.
9 13 59	139.	118.	144.	121.	119.	1109.	7.6	77.0	2901.	81.	2821.	-.12	56.
9 14 12	138.	121.	144.	121.	119.	1110.	5.9	76.4	2936.	81.	2821.	-.10	57.
9 14 9	136.	123.	146.	123.	119.	1110.	5.9	76.5	2972.	81.	2821.	.01	58.
9 14 9	135.	123.	145.	122.	120.	1106.	5.9	76.5	2972.	81.	2821.	.01	58.
9 14 14	126.	116.	145.	123.	123.	1110.	5.8	75.1	2901.	83.	2821.	0.00	56.
9 14 19	130.	121.	143.	123.	119.	1113.	6.8	76.5	3006.	83.	2821.	.05	54.
9 14 24	135.	128.	145.	124.	120.	1120.	2.9	76.8	3055.	82.	2821.	.03	53.
9 14 29	134.	128.	144.	124.	120.	1114.	5.1	78.2	3084.	83.	2821.	.04	55.
9 14 34	134.	128.	144.	124.	119.	1114.	9.3	78.9	3034.	82.	2821.	.12	59.
9 14 40	126.	130.	143.	123.	120.	1111.	8.6	77.5	3011.	82.	2821.	.10	58.
9 14 45	130.	129.	147.	123.	120.	1109.	5.4	78.2	2984.	85.	2821.	.00	50.
9 14 50	134.	135.	145.	123.	120.	1112.	7.8	75.7	2942.	83.	2821.	.03	56.
9 14 55	135.	134.	145.	126.	121.	1116.	6.4	76.8	2954.	82.	2821.	-.04	56.
9 15 0	135.	134.	145.	126.	121.	1112.	7.3	78.1	3055.	83.	2821.	.04	57.
9 15 5	136.	135.	141.	125.	121.	1112.	7.3	78.1	3055.	83.	2821.	.01	56.
9 15 10	137.	134.	143.	125.	121.	1110.	7.9	79.8	3021.	83.	2821.	.01	55.
9 15 15	138.	136.	146.	125.	119.	1114.	6.4	77.6	3001.	84.	2821.	-.10	55.
9 15 20	137.	137.	147.	126.	119.	1116.	5.4	77.6	2972.	84.	2821.	-.05	55.
9 15 25	137.	137.	145.	127.	121.	1101.	5.9	76.2	2957.	83.	2821.	.04	57.
9 15 30	137.	137.	145.	127.	121.	1104.	7.1	76.5	2984.	83.	2821.	.02	57.
9 15 35	137.	139.	145.	127.	124.	1119.	5.8	76.7	2981.	84.	2821.	-.01	53.
9 15 40	137.	139.	145.	127.	123.	1111.	6.1	76.7	2967.	84.	2821.	-.10	53.
9 15 45	139.	139.	148.	128.	125.	1114.	1.0	78.9	2967.	84.	2821.	.12	53.
9 15 50	142.	140.	148.	127.	125.	1111.	2.2	78.2	2977.	84.	2821.	-.04	55.

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TIME H/M/S	PR 14 TEMP MASS GEAR CASE	PR 15 TEMP MASS MAIN FUEL CONTROL L/HENG	PR 29 TEMP SURFAC SPIKE TIP	PR 31 TEMP AIR INLET ANTI ICE FR FRA	EU 37 TEMP MANFLD VORTEX GENTR	AF 10 PRESS A/V FUEL CONTROL INLET	AF 11 PRESS A/V FUEL CONTROL OUTLET	SP 2 PRESS HYD OIL INLET UTL PUMP	SP 4 PRESS HYD OIL OUTLET UTL PUMP	SP 6 PRESS HYD OIL INLET PRIMARY PUMP	SP 8 PRESS HYD OIL OUTLET PRIMARY PUMP	AF 14 PRESS AIR FWD FUEL TANK	AF 10 PRESS FUEL OIL COOLER OUTLET L/HENG
9 15 55	145.	149.	150.	121.	126.	1033.	5.0	76.4	3011.	83.	3050.	-01	55.
9 16 5	142.	141.	140.	125.	127.	1103.	5.4	79.0	3028.	84.	3025.	0.00	55.
9 16 10	140.	134.	143.	119.	129.	1114.	7.0	81.5	2933.	84.	3016.	-10	55.
9 16 15	139.	136.	145.	120.	129.	1115.	7.8	80.6	2950.	83.	3057.	-07	55.
9 16 20	131.	140.	147.	122.	129.	1114.	12.2	78.6	3099.	84.	3060.	-56	56.
9 16 25	138.	141.	146.	121.	128.	1116.	11.0	79.4	3058.	83.	3011.	-56	56.
9 16 35	149.	149.	150.	131.	127.	1097.	6.8	77.7	3143.	84.	2893.	-65	54.
9 16 35	144.	145.	149.	124.	127.	1107.	3.2	78.2	3036.	84.	2889.	-23	53.
9 16 40	147.	142.	147.	126.	123.	1114.	6.3	80.2	3021.	84.	3050.	-05	53.
9 16 45	150.	149.	151.	127.	122.	1117.	7.6	79.0	3047.	84.	2889.	-38	59.
9 16 45	147.	148.	147.	116.	127.	1062.	6.9	79.5	3040.	83.	2859.	-15	59.
9 16 55	150.	149.	149.	130.	123.	1033.	5.4	76.6	2966.	84.	3065.	-53	58.
9 17 0	154.	151.	149.	128.	123.	1102.	5.9	79.4	2942.	83.	3140.	-31	58.
9 17 5	149.	150.	149.	136.	123.	1114.	7.3	80.2	2903.	84.	3074.	-41	56.
9 17 10	148.	147.	140.	130.	123.	1103.	5.3	79.8	3006.	85.	3050.	-19	55.
9 17 16	162.	156.	150.	133.	121.	1112.	6.8	79.9	2997.	85.	2913.	-35	55.
9 17 21	160.	158.	151.	134.	122.	1116.	3.3	80.1	3033.	86.	2923.	-31	55.
9 17 26	155.	152.	147.	134.	123.	1110.	4.3	80.2	3084.	84.	2848.	-53	63.
9 17 31	155.	152.	147.	129.	125.	1114.	5.4	80.4	3038.	84.	2886.	-11	62.
9 17 36	155.	152.	147.	127.	124.	1131.	11.2	80.4	3128.	84.	2903.	-25	64.
9 17 41	156.	151.	150.	131.	124.	1109.	0.8	80.5	3047.	85.	3023.	-84	62.
9 17 46	162.	162.	150.	139.	121.	1110.	4.3	80.5	3050.	87.	2828.	-29	63.
9 17 51	165.	161.	150.	137.	123.	1109.	2.2	79.7	3039.	86.	2908.	-86	60.
9 17 56	164.	165.	152.	139.	125.	1110.	5.9	82.3	3038.	87.	3016.	0.80	57.
9 18 1	160.	157.	149.	133.	125.	1112.	5.9	80.9	3016.	87.	2930.	-21	58.
9 18 6	162.	147.	151.	141.	121.	1110.	8.8	79.9	3059.	85.	2015.	-29	59.
9 18 11	167.	155.	150.	135.	124.	1096.	6.8	80.1	3025.	86.	2847.	-83	60.
9 18 16	164.	154.	148.	133.	123.	1107.	7.3	79.3	2937.	85.	3148.	-22	57.
9 18 21	163.	149.	147.	127.	126.	1106.	3.4	80.4	2934.	86.	3006.	-87	58.
9 18 26	157.	156.	149.	136.	124.	1107.	5.8	80.5	2962.	85.	3184.	-07	58.
9 18 31	164.	161.	150.	138.	123.	1109.	7.3	79.5	3038.	85.	2988.	-16	58.
9 18 41	166.	158.	149.	134.	126.	1112.	6.8	80.5	3057.	85.	2988.	-19	57.
9 18 41	167.	154.	148.	129.	127.	1109.	3.9	79.8	3099.	86.	2869.	-29	56.
9 18 46	169.	149.	145.	123.	128.	1105.	5.9	80.1	3097.	85.	3028.	-12	51.
9 18 51	168.	150.	149.	132.	128.	1139.	7.3	81.4	3047.	86.	3038.	-40	57.
9 18 56	177.	172.	150.	139.	127.	1118.	7.1	80.6	3013.	95.	2901.	-13	56.
9 19 1	178.	169.	150.	138.	127.	1113.	4.9	79.6	3109.	86.	2893.	-01	50.
9 19 11	177.	152.	152.	138.	138.	1109.	3.9	80.3	3109.	86.	2940.	-15	54.
9 19 16	178.	168.	149.	135.	129.	1110.	5.8	80.8	3048.	86.	2977.	-12	57.
9 19 21	170.	156.	147.	128.	127.	1105.	7.6	80.4	2937.	85.	3067.	-83	59.
9 19 26	173.	160.	148.	135.	127.	1109.	5.8	81.2	2924.	85.	3021.	-10	59.
9 19 31	173.	158.	149.	134.	125.	1101.	5.8	80.5	2928.	86.	2953.	-16	59.
9 19 36	171.	156.	149.	134.	128.	1103.	6.8	83.3	2903.	87.	3218.	-13	59.
9 19 41	179.	162.	149.	133.	129.	1111.	7.3	83.4	2959.	86.	3158.	-18	59.
9 19 46	178.	161.	147.	126.	135.	1106.	8.3	82.7	2953.	87.	2838.	-04	59.
9 19 59	180.	161.	147.	125.	133.	1107.	7.3	83.3	2952.	86.	2942.	-12	60.
9 19 57	176.	158.	149.	128.	138.	1131.	3.3	82.0	2908.	87.	3102.	-15	50.

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TIME H/M/S	PR 14 TEMP MASS GEAR CASE	PR 15 TEMP MASS MAIN FUEL CONTROL L/HENG	PR 23 TEMP SURFAC SPIKE TIP	PR 31 TEMP AIR INLET ANTI ICE FR FRA	ED 57 TEMP MANFLD VORTEX GEWTR	AF 10 PRESS A/B FUEL CONTROL INLET	AF 11 PRESS A/B FUEL CONTROL OUTLET	SP 2 PRESS HYD OIL INLET UTL PUMP	SP 4 PRESS HYD OIL OUTLET UTL PUMP	SP 6 PRESS HYD OIL INLET PRIMARY PUMP	SP 3 PRESS HYD OIL OUTLET PRIMARY PUMP	AF 14 PRESS AIR FWD FUEL TANK	AF 18 PRESS FUEL OIL COOLER OUTLET L/HENG
9 20 2	178.	157.	150.	135.	123.	1135.	5.9	31.2	2901.	87.	3162.	.03	56.
9 20 7	181.	154.	147.	123.	124.	1110.	7.3	81.8	3006.	86.	2796.	-.70	59.
9 20 12	184.	160.	150.	129.	129.	1111.	5.4	81.7	3059.	86.	2835.	-.71	60.
9 20 17	176.	157.	150.	129.	127.	1114.	4.4	83.3	2854.	86.	3162.	-.05	61.
9 20 22	184.	165.	150.	131.	131.	1113.	5.1	82.7	2979.	87.	3079.	-.43	61.
9 20 27	194.	170.	151.	129.	131.	1114.	4.4	81.8	2859.	87.	3236.	-.25	60.
9 20 32	192.	171.	150.	132.	130.	1116.	4.4	82.7	3006.	86.	2933.	-.24	59.
9 20 37	196.	168.	149.	126.	128.	1033.	2.0	82.6	2972.	86.	2983.	-.43	51.
9 20 42	188.	163.	149.	129.	129.	1038.	.7	82.5	3050.	86.	3008.	-.03	54.
9 20 47	191.	175.	148.	139.	127.	1116.	3.9	81.2	2981.	87.	3008.	-.15	59.
9 20 52	187.	169.	149.	137.	127.	1089.	6.4	81.9	2962.	86.	3155.	-.21	59.
9 20 57	194.	171.	152.	132.	130.	1112.	5.4	82.3	3113.	85.	2933.	.07	54.
9 21 2	193.	170.	153.	137.	129.	1114.	6.1	81.5	3030.	86.	3030.	-.06	49.
9 21 7	194.	167.	150.	128.	133.	1110.	6.4	85.6	3157.	89.	2981.	-.72	42.
9 21 17	195.	170.	151.	129.	132.	1114.	6.8	83.4	3096.	87.	2930.	-.26	50.
9 21 17	188.	163.	150.	129.	134.	1107.	5.4	82.8	2933.	88.	3011.	-.19	58.
9 21 22	188.	163.	151.	132.	132.	1108.	6.6	82.5	2937.	87.	3082.	-.22	57.
9 21 27	198.	169.	152.	138.	129.	1116.	-5	83.3	3021.	87.	2815.	-.03	61.
9 21 32	195.	168.	152.	137.	129.	1114.	2.2	82.9	2974.	87.	2889.	-.23	59.
9 21 37	187.	156.	150.	129.	132.	1110.	3.4	83.1	2942.	86.	3055.	-.50	59.
9 21 47	189.	160.	150.	134.	130.	1110.	3.4	83.2	3052.	88.	2999.	-.41	59.
9 21 52	189.	157.	151.	143.	133.	1107.	5.4	83.7	3211.	87.	3011.	-.47	56.
9 21 57	193.	167.	153.	142.	138.	1113.	3.7	83.4	3169.	87.	2972.	-.21	56.
9 22 2	196.	165.	151.	132.	146.	1110.	3.4	86.1	3006.	87.	2996.	-.22	60.
9 22 2	196.	164.	150.	128.	144.	1110.	4.9	85.5	3038.	86.	2959.	-.09	59.
9 22 7	196.	164.	150.	128.	144.	1110.	7.3	83.7	3006.	88.	3110.	-.23	55.
9 22 12	192.	160.	149.	131.	145.	1109.	5.9	81.7	3006.	88.	3020.	-.01	54.
9 22 17	195.	166.	149.	127.	145.	1112.	3.4	83.3	2937.	88.	2957.	-.22	58.
9 22 22	195.	166.	148.	127.	143.	1113.	4.4	83.6	2937.	87.	3013.	-.05	55.
9 22 25	197.	166.	148.	125.	154.	1110.	5.9	84.8	3172.	86.	2908.	-.01	56.
9 22 33	198.	161.	148.	123.	152.	1107.	3.7	85.6	3109.	87.	2938.	-.02	57.
9 22 38	196.	170.	153.	138.	147.	1122.	5.9	84.5	3089.	87.	2893.	0.00	54.
9 22 43	199.	171.	153.	134.	145.	1111.	3.7	84.2	3045.	89.	2942.	-.14	54.
9 22 48	195.	158.	150.	127.	147.	1135.	3.9	83.3	297.	90.	3011.	-.04	39.
9 22 53	190.	163.	150.	126.	147.	1139.	4.6	83.0	2913.	89.	3074.	-.05	48.
9 22 58	200.	172.	150.	126.	147.	1118.	2.0	84.5	2979.	88.	3038.	-.07	52.
9 23 3	203.	175.	151.	131.	147.	1122.	5.9	84.4	2859.	88.	2981.	0.00	59.
9 23 8	203.	178.	152.	133.	145.	1109.	5.9	82.0	2979.	88.	2904.	-.15	55.
9 23 13	203.	174.	151.	135.	146.	1112.	5.6	83.1	2842.	88.	2904.	0.00	59.
9 23 18	202.	176.	150.	137.	152.	1126.	7.9	83.1	2907.	88.	3236.	-.03	57.
9 23 23	198.	173.	151.	134.	152.	1113.	5.0	83.7	2901.	87.	3094.	-.06	57.
9 23 28	194.	162.	152.	125.	153.	1112.	5.9	85.0	2987.	89.	3068.	-.22	55.
9 23 33	195.	161.	151.	126.	153.	1120.	5.1	84.9	3006.	89.	3350.	-.21	55.
9 23 38	194.	164.	150.	128.	153.	1107.	4.9	84.2	2967.	90.	3011.	-.09	50.
9 23 43	195.	166.	150.	130.	155.	1112.	7.1	84.2	2986.	90.	3025.	-.03	56.
9 23 48	205.	180.	152.	142.	155.	1123.	-5	84.2	2854.	88.	2903.	-.37	57.
9 23 53	202.	171.	151.	132.	154.	1116.	1.7	85.2	2959.	88.	2967.	-.30	51.
9 23 58	196.	172.	151.	132.	154.	1107.	7.0	84.9	3120.	91.	2908.	-.01	55.
9 24 3	208.	176.	151.	130.	154.	1116.	7.3	85.2	3113.	90.	2938.	-.04	55.

TIME H/M/S	PR 14 TEMP HASS GEAR CASE	PR 15 TEMP HASS MAIN FUEL CONTROL L/MENG	PR 23 TEMP SURFAC SPIKE TIP	PR 31 TEMP AIR INLET ANTI ICE FR F2A	EC 07 TEMP MANFLD VJRTX GENRTR	AF 10 PRESS A/B FUEL CONTROL INLET	AF 11 PRESS A/B FUEL CONTROL OUTLET	SP 2 PRESS HYJ JIL INLET UTL PUMP	SP 4 PRESS HYJ OIL OUTLET UTL PUMP	SP 6 PRESS HYJ OIL INLET PRIMARY PUMP	SP 8 PRESS HYJ OIL JOUTLET PRIMARY PUMP	AF 14 PRESS AIR FMD FUEL TANK	AF 18 PRESS FUEL OIL COOLER OUTLET L/MENG
9 24 8	199.	170.	150.	129.	154.	1101.	0.0	84.2	2898.	87.	2967.	-19	55.
9 24 13	200.	167.	149.	126.	153.	1001.	7.1	85.8	2974.	87.	2937.	-11	51.
9 24 23	202.	165.	150.	132.	154.	1107.	5.4	85.9	3104.	89.	3055.	-07	59.
9 24 23	200.	165.	149.	134.	154.	1111.	5.8	82.6	3035.	88.	3013.	-09	50.
9 24 16	215.	188.	152.	138.	154.	1136.	7.3	72.3	2991.	91.	3069.	-04	51.
9 28 21	210.	186.	152.	136.	154.	1131.	3.4	87.2	3062.	91.	3088.	-04	52.
9 28 34	204.	173.	151.	123.	147.	1120.	5.6	88.4	3045.	88.	3035.	-10	48.
9 28 31	205.	177.	150.	122.	140.	1122.	8.3	88.0	2994.	89.	2991.	-05	49.
9 28 36	198.	187.	152.	137.	141.	1130.	3.3	88.9	3001.	90.	2947.	-07	48.
9 28 41	204.	186.	152.	137.	140.	1129.	5.4	88.9	3011.	90.	2948.	-01	48.
9 28 46	206.	195.	152.	138.	141.	1130.	5.4	88.9	2972.	30.	3021.	0.00	53.
9 28 56	206.	185.	152.	134.	143.	1127.	5.1	85.6	2981.	90.	2986.	-08	51.
9 29 1	205.	173.	151.	127.	141.	1124.	5.6	82.1	3011.	91.	3018.	-12	50.
9 29 6	205.	173.	150.	128.	141.	1124.	7.3	93.3	3025.	90.	2981.	-00	50.
9 29 11	210.	180.	150.	132.	153.	1118.	7.3	92.7	2986.	91.	2955.	-03	52.
9 29 16	209.	181.	151.	134.	140.	1123.	8.8	87.2	2933.	92.	2996.	-07	52.
9 29 16	216.	191.	147.	137.	147.	1124.	8.8	88.9	2986.	92.	2969.	-13	49.
9 29 21	210.	184.	149.	134.	152.	1120.	5.3	78.2	3011.	90.	3021.	-04	46.
9 29 26	212.	187.	152.	134.	157.	1118.	5.3	85.4	3021.	91.	2979.	-08	46.
9 29 31	209.	184.	152.	132.	155.	1121.	5.3	85.4	3025.	91.	2983.	-15	51.
9 29 36	211.	180.	150.	130.	147.	1126.	5.6	86.5	2994.	91.	2994.	-10	47.
9 29 41	206.	179.	152.	128.	145.	1122.	3.3	79.5	2967.	90.	3011.	-09	45.
9 29 47	208.	178.	150.	125.	139.	1118.	3.3	81.5	2967.	90.	3003.	-06	46.
9 29 52	203.	181.	151.	129.	141.	1124.	3.3	81.5	3177.	91.	2952.	-09	50.
9 29 55	205.	178.	152.	128.	141.	1124.	3.3	81.5	3177.	91.	2952.	-09	49.
9 30 2	205.	179.	151.	130.	139.	1124.	6.8	80.4	3025.	91.	2920.	-06	47.
9 30 7	201.	176.	152.	129.	139.	1146.	6.8	94.1	2879.	91.	3001.	-01	48.
9 30 12	202.	176.	153.	127.	139.	1137.	3.2	92.4	2889.	91.	2959.	-09	48.
9 30 17	217.	196.	152.	141.	137.	1130.	5.8	83.7	2893.	91.	2889.	-04	46.
9 30 22	213.	188.	153.	136.	139.	1129.	5.9	73.6	2893.	91.	2977.	-03	47.
9 30 27	210.	194.	153.	136.	136.	1130.	5.6	78.4	2972.	93.	2977.	-03	46.
9 30 32	209.	187.	152.	131.	142.	1124.	5.6	78.4	2982.	91.	2994.	-11	46.
9 30 37	211.	189.	155.	138.	154.	1134.	5.3	81.2	2983.	91.	3011.	-01	46.
9 30 42	209.	178.	152.	131.	153.	1121.	6.6	80.8	3006.	91.	2964.	-02	47.
9 30 47	208.	178.	152.	121.	158.	1120.	7.8	83.7	2986.	91.	2983.	-13	39.
9 30 52	208.	179.	153.	125.	158.	1122.	6.3	86.1	2955.	65.	2842.	-13	35.
9 30 57	210.	189.	152.	132.	160.	1134.	5.4	97.1	2942.	80.	2859.	0.00	50.
9 31 2	211.	190.	153.	133.	153.	1126.	4.3	93.3	2952.	81.	2937.	-02	49.
9 31 7	207.	185.	150.	128.	159.	1128.	5.4	93.8	2988.	95.	3138.	-10	47.
9 31 12	207.	182.	155.	120.	159.	1110.	6.0	80.1	2911.	94.	3011.	-03	46.
9 31 17	210.	188.	152.	127.	157.	1120.	9.9	82.8	3001.	95.	2987.	-03	49.
9 31 22	213.	191.	152.	131.	153.	1125.	7.1	82.0	3080.	95.	2957.	0.00	49.
9 31 32	217.	189.	152.	136.	158.	1144.	6.4	95.0	2942.	91.	3016.	-12	48.
9 31 37	213.	192.	154.	138.	159.	1136.	6.1	92.1	2859.	92.	2952.	-09	47.
9 31 42	210.	183.	153.	141.	159.	1130.	5.9	89.7	3035.	95.	2942.	-12	48.
9 31 47	212.	191.	154.	139.	153.	1131.	5.3	87.1	3006.	95.	3082.	-10	50.
9 31 52	211.	189.	152.	138.	153.	1122.	9.8	83.0	2942.	94.	3089.	-09	46.
9 31 57	210.	184.	151.	133.	141.	1123.	6.0	83.9	2947.	94.	3052.	-01	47.
9 31 57	209.	179.	152.	123.	138.	1120.	5.9	91.2	2833.	95.	2972.	-14	53.

TIME H/M/S	PR 14 TEMP MASS GEAR CASE	PR 15 TEMP MASS MAIN FUEL CONTROL L/MENG	PR 23 TEMP SURFAC SPIKE TIP	PR 31 TEMP AIR INLET ICE FR FRA	ED 67 TEMP MANFLD VORTEX GENRTR	AF 10 PRESS A/B FUEL CONTROL INLET	AF 11 PRESS A/B FUE- CONTROL OUTLET	SP 2 PRESS HYD OIL INLET UTL PUMP	SP 4 PRESS HYD OIL OUTLET UTL PUMP	SP 6 PRESS HYD OIL INLET PRIMARY PUMP	SP 8 PRESS HYD OIL OUTLET PRIMARY PUMP	AF 14 PRESS AIR FUEL TANK	AF 16 PRESS FUEL OIL COOLER OUTLET L/MENG
9 32 2	207.	180.	153.	124.	138.	1125.	5.8	91.6	2901.	94.	2969.	.20	50.
9 32 7	211.	183.	154.	130.	126.	1134.	9.3	90.3	2893.	93.	3060.	-.01	43.
9 32 12	214.	185.	153.	131.	130.	1134.	7.8	92.4	2955.	94.	3021.	-.10	40.
9 32 17	214.	186.	152.	135.	135.	1126.	4.9	90.0	3011.	94.	2893.	-.10	50.
9 32 22	211.	184.	153.	133.	135.	1130.	5.9	92.4	2979.	92.	2942.	-.12	50.
9 32 28	216.	186.	152.	137.	134.	1130.	5.9	92.2	2962.	93.	3030.	-.22	44.
9 32 33	216.	184.	153.	136.	133.	1134.	7.3	91.3	2984.	93.	3057.	-.10	45.
9 32 38	216.	189.	154.	127.	132.	1130.	6.4	90.8	3006.	92.	3011.	0.00	48.
9 32 43	214.	191.	153.	132.	133.	1133.	5.9	89.6	2989.	92.	3021.	.11	46.
9 32 48	213.	190.	152.	135.	134.	1122.	9.8	86.0	2986.	91.	2904.	0.00	44.
9 32 53	214.	189.	152.	133.	134.	1119.	9.5	84.9	2986.	92.	2974.	.03	44.
9 32 54	213.	183.	149.	133.	134.	1126.	5.4	82.1	3045.	92.	2986.	.35	46.
9 33 3	212.	185.	151.	132.	134.	1136.	6.6	87.6	2939.	93.	2986.	.29	49.
9 33 8	211.	183.	152.	130.	131.	1124.	8.3	91.6	2889.	92.	2952.	.06	46.
9 33 13	210.	180.	152.	133.	124.	1123.	7.1	87.8	2955.	94.	2986.	.04	49.
9 33 18	208.	178.	153.	125.	132.	1109.	5.8	91.9	3035.	94.	2967.	.13	48.
9 33 23	207.	179.	153.	127.	132.	1113.	7.3	89.6	3001.	94.	3033.	.15	49.
9 33 28	216.	199.	156.	139.	131.	1132.	5.9	91.2	2918.	93.	3089.	.44	43.
9 33 33	217.	193.	154.	130.	131.	1129.	5.4	91.1	2884.	93.	3043.	.19	46.
9 33 38	215.	187.	152.	130.	129.	1132.	1.5	91.5	2893.	95.	2908.	.16	36.
9 33 43	213.	165.	152.	127.	129.	1129.	4.4	88.7	2955.	94.	2958.	.15	41.
9 33 48	210.	174.	151.	127.	124.	1116.	7.8	84.5	2966.	92.	3038.	.24	47.
9 33 53	211.	182.	152.	127.	127.	1122.	5.8	88.6	2984.	93.	2999.	.43	47.
9 34 8	214.	193.	154.	133.	130.	1122.	3.9	92.1	2991.	94.	2937.	.70	50.
9 34 13	209.	186.	153.	130.	123.	1127.	4.4	86.7	2977.	93.	2974.	.37	48.
9 34 18	209.	194.	155.	141.	123.	1124.	7.8	93.0	2957.	94.	3011.	.57	49.
9 34 23	209.	193.	154.	138.	129.	1126.	5.8	88.3	2950.	93.	3021.	.29	47.
9 34 28	207.	183.	152.	127.	123.	1126.	5.9	86.7	3001.	93.	3120.	.25	48.
9 34 33	204.	183.	153.	128.	124.	1127.	6.8	85.5	2996.	92.	3079.	.33	48.
9 34 38	207.	178.	153.	132.	130.	1124.	5.8	84.9	3011.	94.	3021.	.04	43.
9 34 43	207.	178.	152.	128.	133.	1124.	7.8	89.9	2972.	94.	3025.	.06	46.
9 34 48	217.	190.	155.	141.	136.	1134.	5.8	92.7	3130.	94.	2952.	-.21	46.
9 34 53	217.	199.	155.	141.	137.	1136.	5.4	90.5	3062.	94.	3006.	-.10	47.
9 35 3	215.	192.	152.	136.	141.	1137.	4.4	90.5	2953.	93.	2998.	-.14	44.
9 35 8	215.	193.	156.	136.	141.	1130.	5.9	96.0	3006.	94.	3068.	-.09	43.
9 35 14	219.	185.	153.	128.	157.	1123.	6.8	89.0	3096.	94.	3013.	-.05	47.
9 35 19	209.	173.	152.	130.	163.	1116.	5.3	84.3	3030.	94.	3006.	.03	50.
9 35 24	211.	182.	151.	130.	163.	1117.	7.3	88.1	3011.	94.	3008.	-.03	49.
9 35 29	211.	175.	149.	120.	167.	1122.	6.8	88.0	2898.	94.	2937.	.23	50.
9 35 34	213.	178.	151.	127.	157.	1122.	5.8	85.0	2974.	93.	2952.	.03	46.
9 35 39	210.	182.	152.	126.	164.	1033.	9.3	71.4	2561.	68.	3048.	.01	41.
9 35 44	210.	181.	151.	138.	163.	1103.	9.5	72.3	2490.	68.	2928.	-.03	44.
9 35 49	223.	202.	158.	150.	170.	1132.	5.4	72.0	2429.	68.	2921.	-.03	50.
9 35 54	222.	203.	157.	149.	170.	1132.	6.1	72.0	2394.	68.	2499.	-.01	50.
9 35 59	219.	196.	154.	138.	172.	1126.	3.4	84.6	2981.	96.	2962.	.01	48.
9 36 4	215.	186.	152.	129.	173.	1123.	4.9	88.9	2984.	95.	2967.	-.04	47.

TIME M/N/S	PR 14 TEMP MASS GEAR CASE	PR 15 TEMP MASS MAIN FUEL CONTROL L/HENG	PR 23 TEMP SURFAS SPIKE TIP	PR 31 TEMP AIR INLET ANTI ICE FM FRA	ES 67 TEMP MANFID VORTEX GENRTR	AF 10 PRESS A/B FUEL CONTROL INLET	AF 11 PRESS A/3 FUEL CONTROL OUTLET	SP 2 PRESS HYD DIL INLET PUMP	SP 4 PRESS HYD OIL JUTLET JTL PUMP	SP 6 PRESS HYD OIL INLET PRIMRY PUMP	SP 8 PRESS HYD OIL OUTLET PRIMRY PUMP	AF 14 PRESS AIR FWD FUEL TANK	AF 18 PRESS FUEL OIL COOLER OUTLET L/HENG
9 36 9	226.	209.	155.	150.	172.	1134.	7.6	38.7	2933.	94.	3035.	-0.13	46.
9 36 14	223.	207.	154.	140.	173.	1129.	7.8	65.7	2923.	34.	3036.	-0.10	47.
9 36 19	223.	201.	154.	147.	173.	1130.	5.8	63.1	2952.	94.	3065.	.03	51.
9 36 24	214.	188.	153.	136.	177.	1127.	7.3	62.6	2977.	94.	2981.	-0.04	49.
9 36 29	216.	187.	154.	126.	174.	1134.	3.9	48.1	2957.	93.	3066.	-0.07	49.
9 36 34	219.	196.	154.	137.	176.	1132.	5.4	86.2	2959.	93.	3006.	-0.10	48.
9 36 39	223.	203.	157.	140.	177.	1136.	5.4	82.3	2967.	95.	2986.	.04	51.
9 36 44	223.	202.	150.	144.	176.	1123.	5.1	83.1	2974.	94.	3023.	-0.04	47.
9 36 49	213.	184.	154.	138.	173.	1124.	3.6	89.0	3016.	94.	2962.	-0.06	46.
9 36 54	210.	180.	154.	133.	180.	1125.	7.8	38.1	2954.	93.	2948.	-0.03	49.
9 37 4	210.	180.	152.	132.	170.	1118.	6.4	82.1	2967.	93.	2942.	-0.01	47.
9 37 9	209.	179.	151.	123.	180.	1125.	7.3	84.2	2950.	94.	2986.	.04	49.
9 37 14	219.	197.	154.	134.	181.	1124.	4.9	86.8	2933.	95.	3074.	.03	50.
9 37 19	220.	199.	150.	136.	173.	1130.	6.1	85.0	2942.	94.	3062.	-0.03	48.
9 37 24	221.	196.	154.	133.	180.	1134.	3.9	83.9	2957.	94.	3035.	-0.01	52.
9 37 29	217.	193.	154.	136.	180.	1131.	3.7	83.0	2950.	93.	2967.	-0.03	51.
9 37 34	210.	187.	153.	133.	181.	1120.	5.4	88.9	3006.	93.	2942.	.01	44.
9 37 39	210.	185.	154.	130.	182.	1122.	5.8	87.0	2984.	93.	2930.	-0.06	45.
9 37 44	206.	175.	149.	133.	183.	1118.	7.3	85.8	2933.	92.	2901.	-0.12	46.
9 37 49	206.	178.	151.	134.	184.	1120.	7.0	85.3	2911.	92.	3006.	-0.10	48.
9 37 54	214.	190.	154.	136.	183.	1134.	9.8	68.5	2931.	65.	3062.	.12	47.
9 38 4	210.	185.	152.	130.	183.	1133.	8.3	69.1	1943.	64.	2869.	.02	48.
9 38 9	221.	205.	158.	143.	193.	1134.	8.3	67.9	2151.	65.	2786.	-0.10	47.
9 38 14	211.	197.	156.	139.	184.	1132.	7.3	75.2	2517.	80.	2889.	-0.12	46.
9 38 19	213.	187.	154.	142.	184.	1124.	7.3	83.3	3025.	96.	2947.	-0.10	42.
9 38 24	224.	207.	156.	146.	193.	1127.	6.6	75.7	3003.	81.	2857.	-0.09	45.
9 38 29	225.	205.	156.	147.	184.	1130.	5.8	66.7	3004.	67.	2830.	0.00	46.
9 38 34	221.	205.	156.	147.	184.	1134.	6.3	66.9	2964.	66.	2857.	-0.05	47.
9 38 39	215.	198.	156.	141.	183.	1120.	7.3	66.9	2996.	60.	2962.	0.00	30.
9 38 44	215.	193.	155.	138.	184.	1120.	4.6	74.5	2996.	82.	3013.	-0.02	41.
9 38 49	224.	200.	155.	142.	184.	1126.	7.3	86.2	2996.	97.	3060.	-0.13	53.
9 38 54	219.	198.	154.	142.	184.	1121.	8.1	86.4	2979.	95.	2980.	-0.14	51.
9 39 4	209.	176.	152.	121.	183.	1120.	6.4	86.1	2977.	93.	2947.	-0.01	47.
9 39 9	213.	181.	151.	122.	187.	1125.	2.9	84.4	2935.	93.	2974.	.03	49.
9 39 14	216.	191.	154.	145.	185.	1130.	6.8	86.2	2957.	95.	2972.	-0.03	43.
9 39 19	219.	195.	155.	147.	184.	1131.	7.3	87.6	2991.	94.	2977.	0.00	48.
9 39 24	211.	175.	152.	125.	183.	1122.	8.3	88.1	3079.	94.	2967.	-0.12	50.
9 39 29	215.	181.	152.	125.	187.	1124.	9.3	85.7	2994.	94.	2967.	-0.03	50.
9 39 34	209.	182.	154.	136.	183.	1120.	5.4	82.7	2898.	94.	2977.	-0.03	46.
9 39 39	213.	177.	154.	133.	180.	1123.	5.6	85.3	2925.	94.	2977.	-0.15	47.
9 39 44	232.	199.	154.	143.	187.	1118.	-0.3	87.1	3065.	90.	2981.	.03	48.
9 39 49	228.	193.	154.	140.	177.	1118.	3.7	86.7	3023.	89.	3021.	-0.03	49.
9 40 4	205.	180.	154.	132.	175.	1118.	5.4	82.4	2859.	90.	2991.	.03	48.
9 40 9	226.	192.	148.	135.	175.	1122.	5.6	83.4	2930.	90.	2974.	0.00	49.
9 40 14	222.	181.	145.	138.	174.	1130.	3.4	82.8	2889.	90.	3021.	-0.07	46.
9 40 19	223.	190.	150.	131.	173.	1127.	5.1	82.4	2908.	87.	3035.	.10	48.
9 40 24	218.	178.	151.	141.	172.	1114.	5.4	80.9	2923.	86.	3035.	-0.13	46.
9 40 29	220.	163.	151.	144.	173.	1121.	7.1	81.3	2937.	45.	2918.	-0.05	46.
9 40 34	224.	162.	145.	140.	170.	1125.	8.6	82.6	2991.	84.	2948.	0.00	53.

TIME H/M/S	PR 14 TEMP MASS GEAR CASE	PR 15 TEMP MASS MAIN FUEL CONTROL L/HENG	PR 23 TEMP SURFAC SPIKE TIP	PR 31 TEMP AIR INLET ANTI ICE FR FRA	EC 67 TEMP MANFLD VORTEX CENTR	AF 10 PRESS AVB FUEL CONTROL INLET	AF 11 PRESS AVB FUEL CONTROL OUTLET	SP 2 PRESS HYD OIL INLET JTL PUMP	SP 4 PRESS HYD OIL OUTLET JTL PUMP	SP 5 PRESS HYD OIL INLET PRIMRY PUMP	SP 8 PRESS HYD OIL OUTLET PRIMRY PUMP	AF 14 PRESS AIR FUEL TANK	AF 18 PRESS FULL OIL COOLER OUTLET L/HENG
10 0 42	222.	179.	149.	145.	173.	1126.	8.8	83.4	2330.	85.	3013.	-0.9	54.
10 0 47	231.	178.	144.	150.	171.	1130.	7.3	82.1	3109.	85.	2913.	-0.18	48.
10 0 52	225.	177.	147.	143.	171.	1130.	7.3	82.8	3040.	84.	2889.	.31	48.
10 0 57	224.	181.	149.	147.	173.	1128.	7.8	83.4	2957.	84.	3270.	.23	49.
10 1 2	221.	183.	150.	140.	172.	1124.	8.1	83.1	3081.	84.	3126.	.11	47.
10 1 12	217.	187.	154.	132.	173.	1120.	8.8	84.8	2864.	85.	3128.	.34	51.
10 1 17	218.	183.	154.	137.	171.	1123.	8.3	83.5	2840.	84.	3062.	.23	51.
10 1 22	221.	182.	151.	137.	174.	1119.	13.2	81.8	3050.	84.	3050.	-.33	54.
10 1 27	219.	182.	151.	139.	174.	1114.	13.2	81.7	2952.	83.	3074.	-.23	54.
10 1 32	221.	180.	152.	128.	173.	1118.	7.5	82.7	2977.	83.	2833.	-.17	48.
10 1 32	224.	187.	150.	124.	173.	1117.	3.7	82.1	2991.	83.	2952.	.30	50.
10 1 42	219.	176.	152.	132.	178.	1116.	7.3	81.8	3011.	83.	2952.	.25	53.
10 1 42	223.	182.	150.	140.	175.	1123.	8.3	81.3	2991.	84.	3282.	.12	60.
10 1 47	219.	184.	150.	129.	179.	1114.	11.2	81.2	2879.	84.	3201.	.12	60.
10 1 52	219.	186.	154.	127.	175.	1113.	5.8	81.9	2964.	83.	3177.	.64	50.
10 1 57	227.	191.	144.	153.	173.	1134.	8.8	82.5	3059.	84.	2908.	.10	58.
10 2 2	223.	194.	147.	147.	173.	1128.	5.8	81.9	3028.	84.	2915.	.01	58.
10 2 7	235.	205.	151.	133.	175.	1122.	6.0	83.4	2859.	84.	3280.	.10	57.
10 2 13	235.	202.	150.	139.	179.	1124.	6.8	81.8	2915.	84.	3194.	.08	56.
10 2 14	233.	207.	150.	132.	179.	1122.	1.5	80.0	2838.	84.	3255.	.21	52.
10 2 23	227.	197.	152.	129.	174.	1120.	10.5	81.2	2874.	83.	3135.	.04	55.
10 2 28	222.	171.	150.	123.	178.	1130.	3.9	80.8	3011.	83.	3016.	.00	52.
10 2 33	227.	183.	152.	126.	178.	1122.	4.0	80.2	2959.	84.	3023.	.04	52.
10 2 34	227.	172.	152.	141.	174.	1137.	5.9	79.2	3021.	84.	3025.	0.04	47.
10 2 43	233.	188.	150.	137.	175.	1117.	5.9	73.6	3003.	84.	3025.	-.04	47.
10 2 48	239.	200.	150.	127.	177.	1122.	.9	82.7	2947.	81.	2952.	-.10	34.
10 2 53	241.	195.	149.	134.	177.	1122.	5.1	82.0	2986.	82.	2957.	-.10	41.
10 3 3	238.	193.	145.	124.	174.	1115.	5.4	84.2	2854.	84.	2996.	-.07	43.
10 3 13	236.	196.	152.	120.	177.	1118.	4.4	83.1	3084.	84.	3033.	-.03	45.
10 3 18	230.	180.	154.	135.	173.	1112.	6.1	82.0	3008.	84.	2991.	-.01	48.
10 3 23	231.	180.	154.	127.	173.	1120.	5.3	83.5	3050.	85.	2952.	-.00	49.
10 3 28	226.	183.	153.	130.	175.	1114.	5.1	83.4	2981.	85.	2962.	-.66	50.
10 3 33	228.	186.	150.	132.	177.	1113.	5.6	82.8	3011.	83.	2967.	0.00	49.
10 3 38	233.	194.	153.	124.	179.	1120.	8.3	84.9	2994.	84.	2989.	-.03	50.
10 3 48	234.	190.	156.	133.	174.	1125.	7.6	84.6	3023.	87.	3177.	-.01	46.
10 3 53	237.	196.	152.	130.	181.	1120.	7.3	74.8	3016.	85.	3033.	-.04	48.
10 3 58	235.	193.	151.	133.	177.	1107.	5.6	84.9	3069.	85.	2977.	-.07	45.
10 4 3	240.	187.	151.	136.	180.	1114.	6.8	94.0	2888.	86.	2937.	-.01	32.
10 4 8	242.	188.	151.	136.	183.	1108.	6.1	94.9	2800.	86.	2766.	.03	6.
10 4 8	250.	189.	151.	135.	180.	739.	4.4	97.4	2771.	88.	2845.	-.84	4.
10 4 8			149.	135.	150.						2791.	0.00	-0.

C COMMUTATOR

TIME H/M/S	AF 21 PRESS A/B OIL COOLER OUTLET L/HENG	AF 23 JIC TANK BTRK L/HENG	PR 21 PRESS OIL INLET CSU L/HENG	PR 25 PRESS OIL OUTLET CSU L/HENG	AF 12 PRESS FUEL CONTR OUTLET L/HENG	AF 13 PRESS FUEL BOOST PUMP OUTLET L/HENG	AF 24 PRESS P+J VALVE PRIMRY OUTLET L/HENG	AF 25 PRESS P+J VALVE SEC OUTLET L/HENG	AF 30 PRESS OUTLET LINE PUMP MAIN L/HENG	AF 35 TEMP SKIN MASS STA 372	EC 106 TEMP AMB MMW FND L/H	EC 107 TEMP AMB MMW FND R/4	EC 108 TEMP AMB MMW AFI L/H
0 57 9	-1.	0.	1.	3.	5.	-2.	0.	-4.	0.	127.	118.	357.	120.
0 57 14	-1.	0.	2.	2.	4.	-0.	-2.	-1.	1.	127.	117.	280.	120.
0 57 19	-1.	-0.	4.	0.	1.	-0.	2.	1.	2.	127.	117.	285.	119.
0 57 24	-1.	-0.	4.	1.	3.	-0.	3.	1.	2.	127.	118.	205.	120.
0 57 29	-2.	-0.	3.	3.	-12.	-3.	0.	4.	-0.	128.	117.	217.	116.
0 57 42	-1.	-0.	4.	3.	-7.	-2.	0.	3.	1.	127.	117.	218.	117.
0 57 39	-1.	0.	-0.	1.	4.	-0.	-1.	3.	1.	128.	117.	214.	120.
0 57 49	-1.	-0.	1.	1.	2.	-5.	-1.	0.	0.	128.	117.	211.	120.
0 57 54	-1.	-0.	4.	2.	1.	3.	2.	0.	1.	127.	118.	209.	120.
0 57 59	-1.	-0.	3.	2.	2.	0.	2.	1.	1.	127.	117.	207.	119.
0 58 4	-2.	-0.	4.	1.	0.	2.	2.	2.	0.	127.	119.	185.	119.
0 58 9	-1.	-0.	3.	2.	3.	-1.	2.	1.	1.	127.	118.	192.	119.
0 58 14	-0.	-0.	3.	-2.	3.	0.	1.	1.	1.	127.	120.	209.	121.
0 58 19	-1.	-0.	2.	1.	1.	-0.	-1.	-1.	1.	127.	117.	215.	119.
0 58 24	-1.	-0.	4.	0.	7.	-2.	0.	1.	1.	127.	118.	218.	120.
0 58 29	-1.	-0.	2.	1.	0.	0.	0.	-2.	-0.	127.	118.	200.	121.
0 58 34	-1.	-0.	2.	0.	5.	1.	0.	-1.	1.	127.	118.	207.	120.
0 58 40	-2.	-0.	3.	0.	4.	-1.	1.	0.	1.	128.	118.	193.	120.
0 58 45	-2.	-0.	2.	0.	4.	-3.	-2.	-1.	1.	128.	118.	190.	119.
0 58 50	-2.	-0.	4.	1.	8.	-4.	0.	0.	3.	127.	116.	203.	120.
0 58 55	-1.	-0.	4.	2.	7.	-3.	3.	3.	2.	127.	117.	202.	121.
0 59 0	-1.	-0.	3.	2.	-1.	-3.	5.	2.	2.	127.	119.	202.	121.
0 59 5	-1.	-0.	3.	2.	0.	-3.	-0.	0.	2.	127.	118.	195.	120.
0 59 10	1.	-0.	4.	3.	3.	-1.	7.	0.	1.	121.	117.	187.	120.
0 59 15	-0.	-0.	4.	2.	3.	-1.	2.	-0.	1.	125.	118.	187.	119.
0 59 20	-0.	-0.	3.	-0.	-1.	1.	4.	-4.	1.	126.	118.	186.	119.
9 10 18	-0.	-0.	1.	0.	-1.	12.7	4.	-1.	1.	127.	117.	183.	119.
9 10 23	-0.	-0.	2.	0.	3.	25.8	-1.	3.	1.	127.	119.	196.	116.
9 10 28	-0.	-0.	3.	1.	1.	25.6	1.	3.	1.	126.	120.	193.	121.
9 10 33	-1.	0.	2.	2.	2.	25.4	1.	1.	2.	127.	119.	205.	121.
9 10 38	-1.	0.	2.	1.	3.	25.3	1.	1.	2.	128.	118.	205.	120.
9 10 43	-1.	-0.	2.	1.	3.	25.8	1.	1.	1.	129.	117.	205.	118.
9 10 53	-1.	-0.	3.	2.	5.	25.2	-1.	-1.	2.	128.	118.	205.	120.
9 10 58	-0.	0.	1.	1.	1.	25.6	0.	-0.	2.	128.	117.	176.	119.
9 11 3	-1.	-0.	2.	2.	3.	25.3	-0.	-0.	1.	127.	118.	188.	120.
9 11 3	-1.	-0.	4.	3.	6.	25.3	-1.	-1.	2.	121.	117.	207.	116.
9 11 8	-1.	-0.	4.	3.	5.	25.4	-2.	-1.	2.	125.	117.	196.	116.
9 11 13	-1.	-0.	3.	1.	8.	24.8	3.	4.	1.	127.	119.	209.	121.
9 11 23	-1.	-0.	3.	1.	4.	24.7	2.	3.	0.	127.	119.	215.	120.
9 11 28	-0.	0.	1.	-2.	1.	24.5	2.	2.	0.	128.	116.	227.	117.
9 11 33	-1.	0.	2.	1.	0.	24.4	1.	1.	1.	129.	116.	225.	118.
9 11 38	-1.	0.	3.	1.	0.	25.1	4.	1.	-0.	129.	117.	226.	119.
9 11 43	-1.	0.	3.	1.	0.	24.9	5.	1.	1.	129.	116.	228.	119.
						24.2	1.	0.	1.	128.	118.	233.	116.

TIME H/M/S	AF 21 PRESS A/B	AF 23 PRESS OIL TANK	PR 21 PRESS OIL INLET CSO	PR 23 PRESS OIL OUTLET CSO	AF 12 PRESS FUEL CONTROL OUTLET	AF 13 PRESS FUEL BOOST PUMP OUTLET	AF 24 PRESS P+J VALVE PRIMRY OUTLET	AF 25 PRESS P+J VALVE SEC OUTLET	AF 30 PRESS OUT-ET LIBE PUMP MAIN	AF 35 TEMP SKIN HASS STA SFA	EC 100 TEMP AMB MMH FWJ L/M	EC 107 TEMP AMB MMH FWJ L/M	EC 100 TEMP AMB MMH FWJ L/M
9 51 43	-1.	-0.	3.	3.	3.	24.3	3.	2.	1.	127.	119.	242.	119.
9 11 53	-1.	-0.	0.	0.	-1.	24.9	3.	5.	2.	128.	113.	229.	113.
9 11 58	-1.	-0.	3.	1.	4.	24.3	1.	1.	2.	127.	116.	222.	120.
9 12 3	-1.	-0.	3.	1.	5.	24.8	2.	3.	1.	127.	110.	207.	119.
9 12 9	-1.	-0.	3.	1.	3.	24.5	1.	3.	1.	127.	118.	219.	119.
9 12 14	-1.	0.	2.	-7.	-1.	24.5	3.	3.	2.	127.	119.	255.	121.
9 12 19	-1.	0.	3.	-2.	3.	24.5	0.	2.	1.	127.	118.	229.	120.
9 12 24	-0.	0.	3.	-3.	4.	24.1	6.	5.	1.	127.	120.	204.	120.
9 12 29	-0.	0.	3.	-3.	3.	24.2	6.	4.	1.	127.	120.	232.	120.
9 12 34	-2.	-0.	3.	-1.	2.	25.3	-4.	0.	1.	125.	121.	229.	121.
9 12 39	-2.	-0.	2.	-1.	3.	24.8	1.	0.	0.	126.	119.	215.	120.
9 12 44	1.	0.	1.	-5.	-1.	24.2	5.	1.	6.	127.	120.	219.	121.
9 12 49	4.	-0.	3.	-4.	5.	24.4	4.	-4.	10.	126.	120.	225.	121.
9 12 54	11.	0.	3.	4.	8.	23.4	0.	0.	20.	126.	119.	228.	121.
9 12 59	12.	-0.	3.	4.	22.	23.1	5.	-5.	21.	121.	119.	231.	121.
9 13 4	18.	-0.	3.	3.	107.	23.0	54.	-2.	29.	127.	120.	252.	122.
9 13 9	23.	-0.	3.	5.	103.	23.0	76.	-1.	36.	127.	119.	243.	121.
9 13 14	39.	-0.	10.	34.	136.	23.1	103.	10.	59.	128.	119.	223.	119.
9 13 19	41.	0.	12.	35.	148.	22.3	111.	7.	62.	126.	119.	241.	120.
9 13 29	46.	0.	12.	43.	141.	21.3	154.	23.	66.	126.	116.	254.	123.
9 13 34	46.	0.	14.	40.	130.	22.0	151.	18.	68.	126.	117.	252.	121.
9 13 39	47.	-0.	18.	49.	183.	22.7	152.	70.	70.	128.	119.	225.	119.
9 13 44	48.	-0.	17.	50.	213.	22.7	155.	25.	70.	127.	120.	227.	120.
9 13 49	49.	-0.	18.	48.	205.	23.5	159.	27.	73.	125.	121.	258.	123.
9 13 54	49.	-0.	15.	49.	205.	23.1	170.	32.	73.	126.	121.	259.	123.
9 14 9	49.	0.	16.	47.	193.	22.8	173.	29.	73.	127.	120.	245.	122.
9 14 14	49.	0.	16.	40.	205.	22.0	171.	30.	73.	127.	118.	234.	121.
9 14 19	49.	0.	16.	42.	201.	22.0	159.	29.	73.	125.	121.	232.	116.
9 14 24	49.	0.	15.	47.	213.	23.0	170.	31.	73.	126.	121.	234.	119.
9 14 29	49.	-0.	10.	50.	213.	21.0	174.	45.	73.	126.	126.	235.	121.
9 14 34	49.	-0.	17.	49.	213.	22.6	175.	39.	73.	127.	119.	239.	120.
9 14 39	49.	-0.	17.	53.	211.	22.7	172.	31.	72.	126.	124.	253.	121.
9 14 44	48.	-0.	17.	54.	203.	22.5	171.	30.	72.	126.	123.	251.	121.
9 14 49	48.	0.	15.	49.	203.	22.3	161.	29.	71.	127.	121.	232.	121.
9 14 54	48.	0.	17.	50.	202.	22.3	174.	30.	71.	126.	122.	231.	123.
9 15 0	48.	-0.	17.	52.	211.	23.2	156.	32.	71.	125.	121.	224.	123.
9 15 5	48.	-0.	17.	51.	214.	23.0	159.	30.	71.	127.	118.	225.	122.
9 15 10	48.	-0.	16.	55.	213.	23.0	187.	32.	70.	125.	121.	221.	121.
9 15 15	48.	0.	17.	57.	210.	23.0	160.	27.	70.	125.	121.	237.	122.
9 15 20	48.	0.	18.	53.	209.	22.8	175.	22.	71.	121.	122.	235.	125.
9 15 25	48.	0.	18.	55.	203.	23.0	154.	22.	72.	121.	122.	238.	122.
9 15 30	48.	-0.	18.	54.	193.	23.2	183.	23.	72.	126.	120.	239.	122.
9 15 35	48.	0.	16.	54.	203.	22.0	174.	27.	72.	126.	118.	244.	122.
9 15 40	48.	0.	17.	55.	213.	23.7	176.	29.	71.	125.	121.	256.	123.
9 15 45	48.	-0.	17.	57.	214.	22.9	173.	27.	71.	127.	121.	242.	122.
9 15 50	48.	-0.	17.	60.	210.	22.1	174.	33.	70.	126.	123.	229.	123.
9 15 55	47.	-0.	19.	56.	210.	22.5	170.	25.	70.	126.	122.	233.	121.
9 15 59	40.	-0.	18.	55.	203.	24.0	171.	34.	70.	124.	125.	234.	117.
9 15 59	40.	-0.	18.	55.	203.	24.0	175.	33.	71.	125.	124.	235.	116.

TIME M/M/S	AF 21 PRESS OIL A/B	AF 23 PRESS OIL TANK	PR 21 PRESS OIL INLET	PR 23 PRESS OIL OUTLET	AF 12 PRESS FUEL CONTROL	AF 13 PRESS FUEL BOOST	AF 24 PRESS P+D VALVE	AF 25 PRESS P+D VALVE	AF 30 PRESS OUTLET LINE	AF 35 TEMP SKIN MASS	EC 106 TEMP AMB MMH	EC 107 TEMP AMB MMH	EC 108 TEMP AMB MMH
9 15 55	47.	-0.	10.	64.	213.	22.2	153.	34.	71.	125.	122.	239.	124.
9 15 5	48.	-0.	18.	59.	214.	22.6	179.	39.	73.	126.	123.	242.	121.
9 16 10	47.	-0.	18.	50.	202.	23.5	191.	39.	71.	127.	120.	252.	121.
9 16 10	48.	0.	19.	58.	212.	23.6	191.	44.	72.	127.	122.	243.	122.
9 16 15	49.	0.	19.	62.	248.	21.7	199.	56.	73.	126.	121.	240.	125.
9 16 20	49.	0.	19.	60.	245.	22.0	202.	56.	73.	125.	122.	246.	121.
9 16 25	49.	-0.	18.	57.	243.	22.8	220.	72.	72.	126.	119.	251.	125.
9 16 35	49.	-0.	19.	59.	258.	22.5	215.	71.	72.	127.	119.	240.	126.
9 16 40	48.	0.	21.	58.	248.	23.7	216.	66.	72.	127.	119.	240.	126.
9 16 45	49.	0.	20.	58.	254.	23.2	217.	69.	73.	126.	117.	247.	122.
9 16 45	50.	0.	20.	55.	258.	21.7	219.	70.	74.	125.	125.	235.	122.
9 16 50	50.	0.	19.	55.	263.	21.9	221.	71.	73.	124.	125.	236.	123.
9 16 55	50.	0.	19.	52.	243.	20.9	219.	59.	74.	127.	120.	247.	127.
9 17 0	50.	0.	19.	52.	253.	22.3	225.	62.	76.	126.	123.	242.	124.
9 17 5	49.	-0.	20.	60.	249.	21.4	221.	76.	78.	126.	123.	249.	127.
9 17 10	49.	-0.	21.	63.	251.	22.0	220.	68.	80.	126.	121.	251.	126.
9 17 16	48.	-0.	21.	60.	257.	21.6	216.	65.	83.	125.	116.	244.	125.
9 17 21	47.	-0.	21.	61.	251.	21.9	217.	65.	86.	125.	122.	237.	125.
9 17 26	49.	0.	21.	57.	238.	22.4	227.	76.	91.	128.	123.	246.	130.
9 17 31	46.	0.	21.	57.	258.	23.2	225.	72.	95.	126.	123.	246.	127.
9 17 36	49.	0.	20.	52.	258.	23.2	216.	63.	103.	127.	116.	249.	130.
9 17 41	48.	0.	21.	53.	234.	22.6	218.	65.	107.	127.	125.	240.	130.
9 17 46	48.	0.	19.	54.	251.	22.9	220.	73.	118.	127.	125.	254.	116.
9 17 51	47.	-0.	20.	56.	261.	22.3	221.	70.	119.	127.	128.	249.	121.
9 17 56	47.	-0.	22.	62.	241.	22.5	218.	70.	116.	124.	128.	235.	128.
9 18 1	47.	-0.	21.	61.	254.	22.1	223.	63.	117.	125.	126.	242.	129.
9 18 6	48.	0.	18.	57.	255.	22.4	220.	70.	122.	123.	125.	249.	130.
9 18 11	48.	0.	20.	54.	255.	22.1	220.	69.	121.	123.	126.	252.	126.
9 18 16	47.	-0.	21.	58.	254.	23.8	219.	70.	119.	128.	123.	250.	130.
9 18 21	47.	-0.	20.	54.	253.	23.4	220.	67.	120.	126.	124.	243.	130.
9 18 26	47.	-0.	21.	55.	243.	23.4	221.	75.	119.	127.	127.	232.	132.
9 18 31	47.	-0.	20.	53.	243.	22.6	216.	70.	119.	126.	128.	232.	129.
9 18 41	46.	0.	20.	62.	251.	23.8	219.	60.	117.	127.	123.	250.	134.
9 18 41	46.	-0.	20.	56.	253.	22.8	221.	62.	118.	127.	124.	245.	131.
9 18 46	46.	-0.	20.	61.	247.	22.0	213.	56.	116.	126.	122.	250.	129.
9 18 51	46.	-0.	20.	62.	241.	22.4	213.	57.	116.	126.	126.	243.	129.
9 18 56	46.	-0.	21.	63.	245.	22.5	205.	58.	116.	125.	128.	245.	127.
9 19 1	47.	-0.	21.	59.	243.	22.5	217.	66.	118.	123.	129.	241.	127.
9 19 11	46.	-0.	22.	65.	240.	20.6	218.	59.	116.	125.	134.	219.	128.
9 19 16	46.	-0.	22.	60.	247.	21.4	214.	58.	115.	124.	132.	226.	126.
9 19 21	46.	-0.	19.	57.	242.	20.7	210.	62.	116.	126.	125.	254.	126.
9 19 26	46.	-0.	20.	54.	243.	21.5	223.	63.	118.	126.	127.	252.	128.
9 19 31	46.	-0.	21.	56.	240.	23.5	216.	78.	113.	127.	124.	251.	131.
9 19 36	46.	-0.	20.	56.	242.	23.1	216.	68.	113.	124.	126.	241.	132.
9 19 41	46.	-0.	21.	57.	245.	23.8	213.	58.	119.	126.	127.	245.	131.
9 19 46	46.	-0.	22.	58.	250.	22.0	210.	63.	115.	125.	129.	239.	128.
9 19 59	46.	-0.	19.	55.	254.	22.3	220.	73.	110.	125.	128.	231.	127.
9 19 57	47.	-0.	20.	53.	256.	22.1	222.	72.	109.	125.	128.	242.	127.
			21.	57.	255.	22.3	229.	72.	107.	127.	126.	238.	132.

TIME H/M/S	AF 21 PRESS A/B	AF 23 PRESS OIL	PR 21 PRESS OIL	PR 23 PRESS OIL	AF 12 PRESS FUE	AF 13 PRESS FUE	AF 24 PRESS P+J	AF 25 PRESS P+J	AF 30 PRESS OUTLET	AF 35 TEMP SKIN	EC 106 TEMP AMB	EC 107 TEMP AMB	EC 108 TEMP AMB
9 20 2	46.	-0.	21.	55.	250.	21.6	223.	66.	106.	127.	120.	233.	131.
9 20 7	47.	0.	22.	57.	243.	22.4	221.	56.	106.	126.	130.	229.	128.
9 20 12	47.	-0.	20.	55.	245.	22.3	219.	61.	106.	126.	130.	232.	124.
9 20 17	48.	0.	21.	56.	236.	22.2	221.	62.	100.	126.	128.	254.	132.
9 20 22	47.	0.	20.	56.	238.	22.0	224.	65.	102.	125.	130.	257.	129.
9 20 27	47.	-0.	21.	50.	239.	21.5	220.	70.	103.	125.	132.	231.	124.
9 20 32	47.	-0.	22.	51.	240.	22.1	220.	55.	101.	123.	132.	233.	126.
9 20 37	46.	-0.	20.	56.	243.	22.9	216.	55.	101.	125.	131.	240.	123.
9 20 42	45.	-0.	21.	59.	252.	22.4	214.	58.	100.	124.	131.	247.	120.
9 20 47	46.	0.	22.	51.	243.	24.1	217.	58.	100.	126.	130.	239.	131.
9 20 52	46.	-0.	22.	55.	242.	23.4	224.	65.	100.	123.	133.	248.	126.
9 20 57	45.	-0.	20.	52.	245.	22.5	217.	72.	101.	124.	133.	241.	129.
9 21 2	45.	-0.	20.	52.	250.	22.1	222.	46.	101.	123.	132.	247.	125.
9 21 7	47.	-0.	22.	55.	237.	23.9	207.	58.	100.	123.	133.	238.	127.
9 21 17	47.	-0.	21.	57.	252.	22.5	214.	67.	98.	126.	130.	240.	131.
9 21 22	47.	-0.	24.	58.	260.	24.1	216.	67.	98.	126.	129.	241.	133.
9 21 27	47.	-0.	23.	58.	253.	23.1	213.	62.	99.	124.	135.	235.	130.
9 21 32	47.	-0.	20.	58.	254.	22.9	219.	59.	98.	125.	131.	241.	132.
9 21 37	47.	-0.	21.	56.	245.	23.6	219.	58.	94.	125.	131.	230.	133.
9 21 47	47.	-0.	21.	56.	243.	22.6	217.	57.	94.	126.	131.	234.	133.
9 21 52	45.	-0.	23.	59.	233.	22.2	217.	35.	98.	120.	133.	229.	134.
9 21 57	45.	-0.	22.	58.	224.	22.7	180.	42.	96.	126.	133.	231.	134.
9 22 2	46.	-0.	22.	58.	227.	23.6	186.	48.	95.	125.	136.	230.	128.
9 22 7	45.	-0.	23.	55.	249.	23.6	186.	49.	95.	125.	134.	238.	127.
9 22 12	46.	0.	23.	55.	228.	22.1	192.	49.	95.	127.	131.	239.	135.
9 22 17	45.	-0.	23.	59.	205.	21.0	183.	44.	92.	127.	132.	232.	133.
9 22 22	45.	-0.	23.	58.	217.	22.1	185.	47.	94.	126.	132.	244.	127.
9 22 27	46.	0.	21.	60.	210.	21.5	193.	47.	94.	124.	131.	239.	128.
9 22 32	45.	-0.	23.	58.	229.	23.0	184.	45.	94.	125.	134.	234.	132.
9 22 37	45.	-0.	24.	59.	229.	23.3	197.	48.	93.	126.	133.	234.	137.
9 22 42	45.	-0.	23.	51.	205.	22.9	202.	44.	92.	121.	130.	229.	135.
9 22 47	44.	-6.	23.	51.	212.	22.6	194.	42.	95.	127.	133.	239.	133.
9 22 52	44.	-0.	24.	55.	211.	22.5	188.	23.	93.	126.	131.	241.	129.
9 22 57	45.	-0.	23.	57.	210.	22.2	187.	33.	94.	124.	136.	241.	126.
9 23 2	45.	-0.	23.	43.	235.	22.1	185.	43.	93.	125.	136.	239.	128.
9 23 7	45.	-0.	23.	51.	223.	22.5	181.	44.	93.	125.	135.	239.	129.
9 23 12	46.	0.	22.	50.	205.	21.7	192.	45.	91.	125.	133.	239.	133.
9 23 17	44.	0.	23.	53.	210.	21.5	188.	46.	91.	123.	133.	219.	129.
9 23 22	45.	0.	22.	57.	213.	23.1	190.	49.	91.	123.	137.	222.	132.
9 23 27	44.	0.	22.	58.	224.	23.1	197.	38.	91.	125.	135.	225.	134.
9 23 32	44.	-0.	23.	48.	223.	23.0	190.	43.	90.	127.	135.	224.	134.
9 23 37	46.	-0.	23.	51.	217.	22.4	188.	37.	89.	127.	135.	223.	135.
9 23 42	45.	-0.	23.	55.	226.	22.3	196.	40.	91.	127.	137.	222.	132.
9 23 47	44.	-0.	23.	66.	225.	22.2	192.	41.	91.	125.	130.	219.	137.
9 23 52	45.	-0.	23.	62.	232.	22.7	185.	42.	90.	125.	133.	220.	132.
9 23 57	44.	-0.	23.	57.	221.	23.1	189.	42.	91.	125.	136.	220.	132.
9 24 3	44.	-0.	24.	56.	231.	22.4	186.	42.	91.	125.	136.	220.	132.

TIME H/M/S	AF 21 PRESS A/B	AF 23 PRESS OIL	PR 21 PRESS OIL	PR 23 PRESS OIL	AF 12 PRESS FUEL	AF 13 PRESS FUEL	AF 24 PRESS P/J	AF 25 PRESS P/J	AF 30 PRESS OUTLET	AF 35 TEMP SKIN	EC 106 TEMP AMB	EC 107 TEMP AMB	EC 108 TEMP AMB
9 24 8	45.	U.	25.	67.	220.	22.8	187.	43.	86.	127.	134.	230.	134.
9 24 13	45.	U.	24.	61.	215.	22.7	187.	44.	83.	126.	134.	232.	134.
9 24 23	45.	U.	23.	60.	201.	23.6	190.	48.	84.	128.	130.	232.	135.
9 24 28	45.	U.	23.	55.	202.	22.9	180.	38.	88.	127.	133.	230.	132.
9 28 16	42.	0.	23.	52.	207.	22.7	177.	29.	87.	123.	134.	223.	127.
9 28 21	43.	0.	23.	51.	204.	23.0	170.	29.	87.	125.	135.	220.	132.
9 28 34	44.	-0.	22.	54.	205.	23.6	166.	26.	87.	127.	136.	234.	128.
9 28 31	44.	U.	22.	54.	205.	23.2	168.	28.	87.	126.	136.	228.	130.
9 28 36	41.	-0.	22.	55.	201.	21.4	169.	19.	86.	127.	137.	224.	137.
9 28 41	42.	-0.	22.	55.	205.	22.2	170.	21.	86.	125.	137.	224.	137.
9 28 46	43.	-0.	21.	50.	191.	23.0	153.	23.	87.	121.	136.	228.	132.
9 28 56	43.	U.	22.	52.	194.	23.7	158.	26.	87.	121.	134.	228.	132.
9 29 1	44.	-0.	22.	54.	199.	22.9	177.	26.	87.	126.	139.	226.	130.
9 29 6	44.	-0.	21.	53.	193.	22.9	171.	22.	87.	126.	138.	231.	127.
9 29 11	43.	U.	23.	54.	207.	23.1	171.	26.	87.	125.	137.	233.	125.
9 29 16	45.	U.	23.	53.	200.	22.5	174.	26.	87.	125.	138.	233.	125.
9 29 16	43.	-0.	22.	51.	193.	21.8	166.	26.	87.	125.	136.	235.	129.
9 29 21	43.	-0.	23.	53.	204.	22.8	167.	25.	87.	125.	136.	226.	123.
9 29 26	42.	-0.	23.	53.	198.	22.3	166.	26.	87.	126.	136.	234.	127.
9 29 31	42.	-0.	23.	53.	204.	23.1	156.	25.	91.	126.	137.	232.	126.
9 29 36	43.	-0.	23.	50.	198.	21.9	174.	31.	91.	126.	136.	229.	126.
9 29 41	43.	-0.	23.	52.	200.	22.5	171.	30.	88.	127.	137.	227.	130.
9 29 47	43.	-0.	23.	58.	195.	23.3	177.	26.	87.	128.	136.	237.	131.
9 29 52	42.	-0.	24.	52.	199.	23.3	170.	25.	87.	126.	138.	227.	124.
9 29 55	44.	-0.	21.	50.	205.	23.8	172.	36.	97.	128.	136.	225.	133.
9 29 65	44.	-0.	22.	49.	202.	23.0	176.	30.	88.	127.	136.	232.	129.
9 30 7	42.	-0.	24.	52.	193.	22.3	164.	23.	88.	131.	138.	217.	132.
9 30 12	42.	-0.	24.	49.	218.	23.0	167.	27.	87.	128.	139.	225.	129.
9 30 17	43.	-0.	22.	51.	189.	23.5	172.	25.	87.	125.	131.	229.	130.
9 30 22	43.	-0.	23.	54.	191.	22.9	169.	23.	87.	125.	136.	228.	128.
9 30 32	43.	-0.	25.	51.	204.	22.7	158.	26.	85.	121.	136.	221.	134.
9 30 37	43.	-0.	23.	53.	205.	23.0	169.	26.	87.	125.	135.	229.	133.
9 30 42	42.	-0.	21.	45.	203.	22.8	172.	27.	86.	127.	137.	222.	134.
9 30 47	41.	-0.	23.	51.	202.	22.8	169.	25.	86.	126.	136.	229.	130.
9 30 52	41.	-0.	25.	51.	213.	23.2	170.	33.	86.	126.	136.	236.	129.
9 30 57	43.	-0.	25.	52.	209.	23.1	172.	29.	86.	125.	137.	232.	127.
9 31 2	43.	-0.	24.	52.	202.	23.2	173.	26.	85.	127.	137.	230.	132.
9 31 7	42.	-0.	23.	53.	201.	23.3	158.	24.	86.	127.	134.	231.	134.
9 31 12	42.	-0.	23.	47.	196.	22.9	168.	29.	89.	127.	139.	231.	133.
9 31 17	43.	-0.	24.	50.	195.	22.9	165.	26.	87.	127.	132.	234.	132.
9 31 22	43.	-0.	25.	55.	208.	22.1	173.	29.	35.	126.	137.	227.	135.
9 31 32	43.	-0.	26.	51.	208.	22.6	173.	29.	35.	126.	137.	227.	135.
9 31 37	43.	-0.	23.	51.	196.	22.7	169.	26.	85.	126.	137.	233.	132.
9 31 42	43.	-0.	23.	51.	193.	22.9	159.	25.	85.	123.	140.	219.	127.
9 31 47	44.	-0.	26.	56.	205.	23.9	175.	31.	84.	127.	137.	231.	126.
9 31 52	43.	-0.	25.	54.	202.	23.0	178.	33.	86.	126.	141.	239.	128.
9 31 57	43.	-0.	23.	55.	205.	22.7	175.	32.	86.	126.	139.	231.	131.
9 31 57	44.	-0.	23.	55.	199.	23.0	168.	25.	87.	126.	136.	239.	134.
9 31 57	44.	0.	23.	53.	199.	23.0	161.	34.	88.	126.	142.	232.	129.

TIME M/M/S	AF 21 PRESS A/B OIL COOLER OUTLET L/HENG	AF 23 PRESS TANK BKTNR L/HENG	PK 21 PRESS OIL INLET CSU L/HENG	PK 23 PRESS OIL OUTLET CSU L/HENG	AF 12 PRESS FUEL CONTROL OUTLET L/HENG	AF 13 PRESS FUEL BOOST PUMP OUTLET L/HENG	AF 24 PRESS P+D VA-VE PRIMARY OUTLET L/HENG	AF 25 PRESS P+D VALVE SEC OUTLET L/HENG	AF 30 PRESS OUTLET LIBE PUMP MAIN L/HENG	AF 35 TEMP SKIN MASS STA 372	EC 100 TEMP AMB MMH FWD L/H	EC 107 TEMP AMB MMH FWD R/H	EC 108 TEMP AMB MMH AFT L/H
9 32 2	44.	0.	24.	50.	201.	25.0	174.	31.	07.	121.	141.	220.	130.
9 32 7	44.	-0.	24.	51.	190.	22.7	156.	28.	07.	125.	141.	221.	125.
9 32 12	44.	-0.	24.	51.	202.	23.0	172.	25.	07.	125.	139.	226.	126.
9 32 17	44.	-0.	24.	51.	207.	23.1	172.	29.	08.	126.	139.	235.	127.
9 32 22	44.	-0.	24.	52.	205.	22.0	159.	28.	08.	125.	140.	228.	126.
9 32 28	44.	-0.	24.	52.	214.	23.8	169.	23.	06.	123.	130.	231.	126.
9 32 33	44.	-0.	24.	50.	210.	23.3	171.	25.	06.	125.	130.	235.	129.
9 32 38	43.	-0.	23.	51.	210.	23.1	173.	26.	07.	125.	142.	230.	125.
9 32 43	44.	-0.	24.	55.	209.	22.7	168.	28.	07.	125.	140.	226.	130.
9 32 48	44.	-0.	24.	53.	212.	22.5	171.	28.	06.	126.	137.	226.	136.
9 32 53	44.	-0.	24.	54.	208.	23.1	173.	31.	06.	125.	140.	232.	131.
9 32 58	43.	-0.	23.	52.	207.	21.7	174.	24.	90.	123.	143.	229.	125.
9 33 3	44.	-0.	23.	52.	203.	21.9	174.	27.	90.	123.	143.	226.	126.
9 33 8	44.	-0.	23.	51.	213.	21.9	164.	23.	07.	124.	139.	232.	124.
9 33 13	44.	-0.	23.	52.	206.	21.7	173.	23.	07.	125.	140.	236.	130.
9 33 18	43.	0.	25.	55.	210.	22.3	166.	25.	07.	120.	141.	230.	136.
9 33 23	43.	-0.	26.	55.	206.	22.5	166.	25.	07.	127.	142.	228.	134.
9 33 28	43.	-0.	23.	52.	210.	23.0	172.	28.	08.	125.	138.	225.	131.
9 33 33	43.	-0.	24.	54.	204.	23.1	171.	29.	07.	125.	139.	225.	127.
9 33 38	44.	0.	25.	52.	203.	21.0	169.	34.	07.	124.	139.	230.	125.
9 33 43	44.	-0.	25.	52.	209.	22.1	170.	33.	07.	120.	140.	231.	125.
9 33 48	43.	-0.	26.	56.	206.	23.0	168.	26.	07.	125.	138.	229.	126.
9 33 53	43.	-0.	25.	55.	203.	23.1	169.	25.	05.	126.	137.	231.	130.
9 33 58	43.	-0.	25.	51.	210.	22.4	171.	29.	07.	125.	141.	230.	128.
9 34 3	43.	-0.	24.	50.	205.	22.3	171.	31.	07.	125.	143.	228.	129.
9 34 13	43.	0.	24.	55.	210.	22.5	173.	32.	07.	125.	142.	221.	134.
9 34 18	43.	-0.	24.	53.	208.	22.0	160.	29.	06.	126.	140.	221.	130.
9 34 23	43.	-0.	21.	50.	205.	22.7	155.	22.	85.	127.	141.	219.	134.
9 34 28	43.	-0.	22.	53.	203.	22.4	158.	26.	07.	127.	142.	224.	134.
9 34 33	43.	-0.	23.	53.	210.	23.0	169.	21.	09.	125.	141.	218.	136.
9 34 38	43.	-0.	24.	54.	207.	23.0	173.	27.	07.	125.	141.	224.	131.
9 34 43	42.	-0.	24.	55.	193.	22.5	171.	24.	09.	125.	145.	223.	134.
9 34 48	42.	-0.	24.	54.	206.	22.5	168.	26.	05.	124.	143.	224.	134.
9 34 53	42.	-0.	23.	55.	201.	22.7	170.	26.	06.	125.	143.	224.	134.
9 35 3	43.	-0.	24.	55.	197.	22.3	172.	28.	06.	126.	143.	224.	134.
9 35 8	43.	-0.	22.	52.	199.	22.3	179.	23.	07.	123.	141.	242.	128.
9 35 14	42.	-0.	23.	53.	193.	22.5	172.	23.	06.	125.	143.	241.	132.
9 35 19	43.	-0.	25.	53.	207.	25.0	154.	32.	06.	125.	147.	231.	126.
9 35 24	43.	-0.	25.	54.	205.	23.9	164.	29.	06.	126.	144.	236.	129.
9 35 29	43.	-0.	26.	55.	191.	23.4	167.	27.	06.	127.	139.	244.	136.
9 35 34	43.	-0.	25.	56.	194.	23.2	165.	31.	07.	127.	139.	245.	138.
9 35 39	43.	-0.	25.	54.	198.	22.6	166.	27.	06.	125.	141.	240.	116.
9 35 44	42.	-0.	23.	54.	194.	22.5	167.	21.	05.	120.	140.	243.	120.
9 35 49	42.	-0.	24.	55.	189.	22.7	174.	25.	06.	127.	139.	233.	134.
9 35 54	42.	0.	24.	57.	207.	23.8	179.	22.	06.	128.	142.	221.	138.
9 35 59	42.	0.	25.	57.	202.	22.4	178.	26.	06.	127.	142.	224.	135.
9 36 4	42.	-0.	26.	51.	201.	23.0	177.	29.	06.	124.	145.	226.	127.
					190.		174.	30.	06.	122.	143.	231.	130.

TIME M/M/S	AF 21 PRESS A/B JIL COOLER OUTLET L/HENG	AF 23 PRESS JIL TANK BRIHR L/HENG	PR 21 PRESS OIL INLET USD L/HENG	PR 23 PRESS OIL OUTLET CSU L/HENG	AF 12 PRESS FUEL CONTRL OUTLET L/HENG	AF 13 PRESS FUEL BOOST PUMP OUTLET L/HENG	AF 24 PRESS P+J VALVE PRIMARY OUTLET L/HENG	AF 25 PRESS P+J VALVE SEC OUTLET L/HENG	AF 30 PRESS OUTLET LINE PUMPS MAIN L/HENG	AF 35 TEMP SKIN MASS STA 372	EC 106 TEMP AMB MMW FWD L/H	EC 107 TEMP AMB MMW FWD R/H	EC 108 TEMP AMB MMW AFT L/H
9 36 9	42.	0.	25.	55.	194.	22.1	172.	30.	88.	123.	141.	227.	134.
9 36 14	42.	-0.	24.	54.	194.	22.6	157.	27.	87.	124.	139.	228.	136.
9 36 19	43.	-0.	25.	52.	206.	23.9	156.	23.	86.	122.	144.	226.	132.
9 36 24	43.	-0.	26.	55.	205.	23.4	166.	25.	85.	125.	142.	232.	134.
9 36 29	42.	-0.	24.	43.	205.	22.3	166.	31.	86.	125.	143.	233.	136.
9 36 34	42.	-0.	25.	49.	202.	23.1	167.	30.	87.	125.	142.	230.	123.
9 36 44	43.	-0.	27.	55.	205.	23.2	176.	29.	86.	127.	143.	221.	126.
9 36 49	43.	-0.	26.	53.	204.	22.8	159.	27.	82.	126.	142.	242.	130.
9 36 54	43.	-0.	26.	55.	193.	23.4	174.	29.	84.	127.	136.	240.	141.
9 36 59	43.	-0.	26.	55.	198.	23.4	176.	26.	85.	127.	138.	240.	138.
9 37 4	43.	-0.	24.	54.	184.	22.8	177.	26.	87.	128.	136.	255.	138.
9 37 9	43.	-0.	24.	53.	192.	23.4	170.	25.	85.	127.	138.	244.	136.
9 37 14	42.	-0.	26.	56.	207.	23.5	159.	21.	87.	125.	136.	243.	124.
9 37 19	43.	-0.	28.	53.	202.	22.9	158.	23.	87.	124.	140.	237.	126.
9 37 24	43.	-0.	26.	55.	197.	22.6	166.	25.	87.	125.	144.	244.	124.
9 37 29	42.	-0.	23.	52.	188.	21.7	172.	19.	87.	126.	140.	239.	132.
9 37 34	43.	-0.	24.	53.	189.	22.2	172.	26.	86.	129.	139.	239.	142.
9 37 40	43.	-0.	24.	52.	217.	23.7	183.	36.	87.	127.	136.	256.	141.
9 37 45	44.	-0.	24.	51.	217.	23.5	187.	32.	89.	128.	136.	251.	141.
9 37 50	44.	-0.	24.	53.	207.	23.5	172.	38.	87.	128.	136.	248.	139.
9 37 55	44.	-0.	24.	53.	212.	22.8	172.	31.	88.	127.	136.	242.	135.
9 38 0	43.	-0.	24.	51.	223.	23.4	153.	42.	90.	126.	139.	244.	135.
9 38 5	43.	-0.	24.	52.	214.	23.3	165.	36.	90.	125.	141.	238.	129.
9 38 10	43.	-0.	24.	54.	216.	22.6	166.	34.	86.	127.	136.	249.	141.
9 38 15	43.	-0.	24.	52.	211.	23.0	174.	34.	87.	126.	137.	246.	138.
9 38 20	43.	-0.	23.	53.	211.	23.0	186.	37.	89.	124.	141.	245.	132.
9 38 25	43.	-0.	25.	53.	219.	23.4	161.	38.	89.	124.	141.	245.	132.
9 38 30	44.	-0.	24.	55.	211.	23.2	178.	34.	87.	126.	141.	245.	132.
9 38 35	44.	-0.	25.	56.	214.	23.1	183.	36.	87.	125.	137.	256.	139.
9 38 40	45.	-0.	26.	50.	213.	23.1	180.	38.	86.	125.	139.	254.	131.
9 38 45	44.	-0.	25.	54.	215.	22.8	183.	41.	87.	126.	137.	252.	134.
9 38 50	43.	-0.	26.	54.	207.	23.3	180.	46.	87.	126.	139.	249.	131.
9 38 55	43.	-0.	26.	55.	214.	23.8	179.	42.	88.	125.	139.	253.	123.
9 39 0	44.	-0.	24.	45.	216.	23.1	194.	43.	87.	128.	139.	251.	139.
9 39 5	44.	-0.	24.	50.	213.	23.2	187.	43.	87.	124.	138.	250.	137.
9 39 10	44.	-0.	25.	49.	202.	22.7	193.	37.	87.	127.	138.	258.	136.
9 39 20	45.	-0.	26.	52.	207.	22.8	184.	37.	88.	124.	137.	256.	130.
9 39 30	44.	-0.	26.	54.	210.	23.0	182.	38.	86.	128.	137.	250.	143.
9 47 6	43.	-0.	22.	52.	218.	23.4	175.	35.	86.	125.	135.	242.	141.
9 47 11	44.	-0.	25.	42.	211.	23.0	192.	46.	87.	129.	139.	222.	124.
9 47 16	44.	-0.	24.	47.	210.	22.4	194.	39.	86.	127.	137.	238.	133.
9 48 25	44.	-0.	25.	47.	218.	23.0	174.	40.	88.	127.	136.	244.	124.
9 48 30	44.	-0.	25.	50.	205.	22.8	177.	31.	88.	126.	134.	251.	131.
9 48 35	44.	-0.	24.	49.	213.	23.1	163.	33.	85.	125.	134.	257.	138.
10 0 22	43.	-0.	26.	51.	221.	23.6	165.	31.	86.	125.	133.	256.	135.
10 0 27	45.	-0.	23.	53.	229.	22.9	207.	49.	90.	122.	136.	250.	139.
10 0 32	45.	-0.	21.	53.	240.	23.1	211.	60.	98.	124.	135.	250.	136.
10 0 37	45.	0.	24.	53.	252.	24.4	218.	61.	92.	128.	136.	256.	125.

TIME M/H/S	AF 21 PRESS A/B	AF 23 PRESS OIL	PR 21 PRESS OIL	PR 23 PRESS OIL	AF 12 PRESS FUEL	AF 13 PRESS FUEL	AF 24 PRESS P+D	AF 25 PRESS P+D	AF 30 PRESS OUTLET	AF 35 TEMP SKIN	EC 106 TEMP AMB	EC 107 TEMP AMB	EC 108 TEMP AMB
09													
10 0 42	45.	0.	26.	54.	251.	23.9	214.	64.	91.	127.	136.	257.	126.
10 0 47	45.	0.	26.	47.	262.	22.6	218.	65.	93.	128.	134.	251.	131.
10 0 52	45.	0.	25.	48.	246.	22.5	214.	62.	90.	127.	130.	254.	127.
10 0 57	45.	-0.	25.	52.	243.	23.1	210.	69.	87.	128.	136.	249.	131.
10 1 2	45.	-0.	26.	52.	253.	23.1	217.	65.	88.	126.	136.	255.	123.
10 1 12	46.	0.	23.	52.	251.	23.1	208.	58.	87.	124.	135.	260.	121.
10 1 17	46.	0.	25.	53.	253.	22.9	216.	71.	89.	124.	135.	262.	127.
10 1 22	46.	-0.	24.	53.	281.	22.5	238.	70.	88.	121.	138.	240.	128.
10 1 27	46.	0.	24.	53.	287.	21.8	239.	77.	89.	122.	137.	250.	126.
10 1 32	45.	-0.	25.	50.	233.	23.1	240.	92.	90.	122.	136.	249.	134.
10 1 37	45.	-0.	25.	50.	272.	21.9	238.	93.	90.	122.	136.	249.	134.
10 1 42	45.	-0.	23.	50.	273.	22.7	241.	103.	93.	123.	134.	244.	130.
10 1 47	46.	-0.	25.	50.	253.	23.1	239.	98.	92.	125.	137.	248.	131.
10 1 52	46.	0.	26.	49.	233.	21.9	235.	87.	90.	124.	136.	256.	132.
10 1 57	46.	-0.	22.	50.	288.	21.8	238.	94.	90.	124.	136.	256.	131.
10 2 2	46.	-0.	23.	50.	268.	21.3	246.	87.	93.	128.	136.	253.	131.
10 2 7	45.	0.	23.	49.	272.	21.5	244.	88.	93.	127.	136.	254.	134.
10 2 13	45.	0.	26.	53.	230.	23.1	254.	94.	93.	125.	134.	271.	141.
10 2 18	45.	-0.	25.	51.	240.	22.9	245.	88.	92.	125.	134.	260.	140.
10 2 23	44.	-0.	24.	50.	252.	23.0	250.	85.	92.	119.	135.	257.	144.
10 2 28	45.	0.	26.	52.	270.	23.2	254.	77.	91.	120.	134.	260.	137.
10 2 33	43.	0.	26.	52.	226.	23.6	209.	85.	92.	125.	136.	256.	141.
10 2 38	42.	-0.	26.	52.	213.	22.9	186.	47.	88.	124.	136.	260.	141.
10 2 43	42.	-0.	25.	50.	133.	22.9	173.	32.	85.	125.	139.	247.	126.
10 2 48	43.	-0.	23.	49.	196.	23.2	174.	31.	84.	123.	137.	260.	133.
10 2 53	43.	-0.	24.	49.	204.	22.8	172.	24.	84.	124.	131.	275.	140.
10 2 58	43.	-0.	23.	51.	197.	22.8	175.	26.	85.	125.	132.	268.	141.
10 3 3	42.	-0.	23.	51.	210.	23.0	172.	23.	84.	116.	134.	263.	142.
10 3 8	42.	-0.	24.	50.	204.	22.8	173.	24.	84.	120.	134.	267.	138.
10 3 13	42.	-0.	27.	50.	180.	23.2	171.	26.	85.	122.	132.	276.	137.
10 3 18	43.	0.	26.	51.	184.	22.8	174.	26.	84.	123.	136.	271.	131.
10 3 23	43.	0.	25.	52.	227.	21.6	178.	37.	90.	124.	128.	276.	139.
10 3 28	44.	-0.	24.	53.	222.	22.0	177.	34.	89.	123.	134.	274.	135.
10 3 33	43.	-0.	23.	51.	221.	22.7	191.	40.	87.	121.	138.	267.	131.
10 3 38	42.	-0.	24.	43.	225.	22.4	192.	40.	87.	122.	137.	267.	128.
10 3 43	42.	-0.	24.	50.	217.	22.9	189.	34.	87.	123.	135.	276.	134.
10 3 48	43.	-0.	24.	51.	216.	23.2	186.	38.	86.	126.	134.	271.	135.
10 3 53	40.	-0.	24.	43.	81.	30.9	18.	18.	82.	126.	134.	269.	143.
10 3 58	31.	-0.	23.	43.	76.	28.7	15.	18.	63.	125.	135.	261.	138.
10 4 3	12.	-0.	19.	28.	15.	24.2	14.	10.	27.	124.	137.	269.	134.
10 4 8	10.	-0.	17.	22.	40.	30.1	9.	14.	19.	125.	137.	271.	133.
10 4 8	3.	-0.	15.	16.	78.	30.1	-1.	1.	6.	126.	137.	271.	133.

TIME MM/SS	EC 109 TEMP AMB MMW AFT R/H	PR 20 TEMP JIL CSD INLET ENGINE	PR 22 TEMP JIL CSD OUTLET L/H ENGINE	EC 111 TEMP WEAPNS BAY STA 400	EC 112 TEMP WEAPNS BAY STA 341	EC 113 TEMP WEAPNS BAY STA 275	SP 11 TEMP AYU OIL JIL RESEVR	SP 12 TEMP MYO OIL PRIM INLET RUDDER	EC 102 TEMP RAJONE AREA TOP STA 24	EC 103 TEMP RAJONE AREA TOP STA 72	EC 104 TEMP RAJONE AREA TOP STA120	EC 105 TEMP RAJONE AREA TOP STA124
9 51 48	120.	117.	117.	115.	118.	116.	123.	126.	848.	122.	125.	121.
9 51 53	120.	116.	116.	115.	117.	115.	122.	123.	848.	128.	129.	123.
9 51 58	120.	119.	116.	117.	117.	116.	124.	127.	848.	123.	124.	119.
9 12 4	119.	117.	116.	115.	116.	114.	124.	127.	848.	120.	130.	124.
9 12 9	119.	118.	116.	116.	116.	114.	124.	126.	848.	123.	124.	117.
9 12 14	119.	118.	116.	117.	119.	114.	124.	126.	848.	120.	118.	112.
9 12 19	119.	118.	116.	117.	119.	114.	125.	127.	848.	124.	123.	118.
9 12 24	119.	117.	111.	115.	116.	114.	125.	127.	848.	123.	128.	120.
9 12 29	120.	117.	116.	115.	116.	114.	126.	129.	848.	121.	123.	116.
9 12 34	120.	117.	116.	117.	116.	115.	127.	130.	848.	119.	121.	115.
9 12 39	120.	117.	116.	117.	117.	113.	124.	130.	848.	124.	122.	117.
9 12 44	120.	119.	117.	116.	116.	114.	120.	129.	848.	124.	126.	118.
9 12 49	119.	119.	116.	115.	116.	114.	127.	129.	848.	121.	123.	116.
9 12 54	121.	119.	115.	115.	118.	113.	128.	130.	848.	118.	119.	112.
9 12 59	121.	119.	116.	116.	118.	113.	127.	130.	848.	114.	124.	117.
9 13 4	121.	118.	117.	116.	115.	112.	127.	132.	848.	119.	122.	116.
9 13 9	119.	118.	117.	116.	114.	111.	127.	133.	848.	120.	120.	115.
9 13 14	120.	120.	119.	115.	114.	111.	128.	133.	848.	128.	120.	119.
9 13 19	120.	120.	119.	116.	114.	113.	129.	134.	848.	124.	118.	118.
9 13 29	121.	122.	122.	116.	114.	113.	130.	134.	848.	121.	119.	113.
9 13 34	121.	124.	123.	116.	114.	112.	130.	134.	848.	121.	119.	113.
9 13 39	121.	126.	127.	116.	113.	112.	130.	135.	848.	120.	121.	113.
9 13 44	121.	127.	128.	115.	112.	111.	130.	136.	848.	121.	121.	122.
9 13 49	121.	129.	128.	115.	113.	111.	132.	136.	848.	129.	125.	123.
9 13 59	122.	130.	130.	115.	110.	112.	132.	136.	848.	119.	120.	114.
9 14 12	122.	131.	131.	114.	110.	110.	133.	136.	848.	119.	120.	114.
9 14 9	121.	133.	132.	113.	113.	109.	131.	135.	848.	123.	125.	122.
9 14 14	121.	130.	135.	113.	120.	110.	135.	136.	848.	117.	118.	112.
9 14 19	121.	132.	135.	115.	113.	110.	135.	137.	848.	117.	118.	112.
9 14 24	121.	136.	137.	115.	113.	110.	135.	137.	848.	119.	119.	112.
9 14 29	121.	137.	138.	114.	112.	109.	136.	137.	848.	123.	123.	116.
9 14 34	121.	139.	139.	114.	112.	108.	136.	138.	848.	123.	119.	117.
9 14 39	121.	140.	140.	114.	113.	110.	135.	138.	848.	121.	120.	118.
9 14 44	121.	141.	142.	114.	112.	110.	135.	138.	848.	121.	120.	118.
9 14 49	121.	141.	143.	114.	112.	110.	134.	134.	848.	131.	130.	121.
9 14 54	123.	143.	143.	114.	112.	107.	137.	134.	848.	126.	125.	120.
9 14 59	123.	144.	144.	114.	112.	110.	138.	132.	848.	115.	118.	112.
9 15 4	121.	146.	147.	114.	112.	109.	138.	134.	848.	118.	119.	111.
9 15 9	121.	147.	147.	112.	112.	108.	137.	136.	848.	119.	118.	109.
9 15 14	121.	149.	150.	112.	112.	107.	137.	136.	848.	119.	117.	118.
9 15 19	121.	149.	150.	112.	114.	109.	138.	136.	848.	121.	116.	112.
9 15 24	122.	150.	152.	113.	111.	107.	136.	136.	848.	121.	122.	116.
9 15 29	122.	151.	152.	113.	111.	107.	136.	136.	848.	121.	122.	116.
9 15 34	122.	152.	153.	113.	111.	107.	137.	139.	848.	122.	120.	123.
9 15 39	122.	153.	154.	113.	111.	107.	139.	139.	848.	119.	118.	109.
9 15 44	122.	154.	154.	114.	112.	108.	142.	138.	848.	124.	122.	115.
9 15 49	122.	155.	155.	113.	112.	109.	142.	139.	848.	118.	119.	108.
9 15 54	121.	156.	156.	112.	119.	107.	136.	139.	848.	119.	121.	112.
9 15 59	121.	158.	158.	112.	117.	107.	137.	139.	848.	123.	121.	115.

TIME H/M/S	EC 109 TEMP AMB MMH AFT R/H	PR 20 TEMP OIL CSD INLET L/H ENGINE	PR 22 TEMP OIL CSD OUTLET L/H ENGINE	EC 110 TEMP HEAPNS BAY STA 400	EC 111 TEMP HEAPNS BAY STA 400	EC 112 TEMP HEAPNS BAY STA 341	EC 113 TEMP HEAPNS BAY STA 276	SP 11 TEMP HYD OIL JIL RESEVR	SP 12 TEMP HYD OIL PRIM INLET RUDDER	EC 102 TEMP RADOME AREA TOP STA 24	EC 103 TEMP RADOME AREA TOP STA 72	EC 104 TEMP RADOME AREA TOP STA120	EC 105 TEMP RADOME AREA TOP STA124
9 15 55	121.	157.	157.	125.	113.	116.	105.	136.	139.	848.	127.	124.	116.
9 16 5	120.	159.	157.	126.	112.	109.	106.	140.	138.	848.	124.	124.	116.
9 16 10	122.	161.	158.	122.	114.	105.	107.	143.	141.	848.	124.	125.	120.
9 16 15	121.	162.	157.	122.	113.	106.	107.	144.	141.	848.	123.	124.	116.
9 16 20	123.	161.	160.	121.	114.	106.	108.	147.	139.	848.	123.	124.	118.
9 16 25	121.	164.	160.	122.	113.	109.	106.	145.	141.	848.	123.	124.	115.
9 16 35	123.	159.	167.	118.	113.	109.	107.	147.	140.	848.	131.	125.	119.
9 16 40	124.	160.	168.	119.	109.	107.	107.	149.	143.	848.	127.	125.	121.
9 16 45	123.	162.	169.	117.	112.	108.	108.	144.	143.	848.	125.	847.	119.
9 16 50	121.	172.	164.	120.	113.	112.	108.	141.	144.	848.	119.	848.	108.
9 16 55	121.	171.	166.	119.	113.	108.	108.	142.	144.	848.	119.	848.	108.
9 17 5	125.	171.	174.	120.	114.	104.	106.	149.	141.	848.	123.	848.	116.
9 17 10	122.	169.	174.	121.	109.	105.	105.	146.	143.	848.	119.	848.	114.
9 17 15	122.	169.	174.	121.	109.	105.	107.	150.	141.	848.	125.	848.	119.
9 17 20	123.	169.	178.	121.	114.	108.	107.	149.	143.	848.	123.	848.	117.
9 17 25	124.	170.	177.	121.	114.	105.	106.	144.	144.	848.	123.	848.	117.
9 17 30	122.	172.	179.	121.	112.	114.	108.	146.	141.	848.	121.	848.	115.
9 17 35	124.	173.	182.	119.	114.	107.	106.	151.	142.	848.	123.	848.	117.
9 17 40	124.	178.	177.	120.	114.	107.	107.	147.	144.	848.	119.	405.	117.
9 17 45	125.	176.	181.	119.	113.	105.	106.	152.	145.	848.	125.	129.	120.
9 17 50	125.	174.	184.	119.	113.	105.	106.	152.	143.	848.	126.	127.	120.
9 18 5	124.	175.	183.	117.	114.	110.	107.	150.	143.	848.	123.	127.	120.
9 18 10	124.	177.	181.	119.	113.	110.	107.	149.	144.	848.	125.	124.	118.
9 18 15	123.	178.	185.	120.	114.	110.	110.	149.	142.	848.	124.	124.	118.
9 18 20	123.	178.	184.	118.	113.	113.	105.	153.	142.	848.	124.	124.	114.
9 18 25	126.	180.	185.	120.	115.	105.	107.	152.	145.	848.	121.	124.	114.
9 18 30	126.	183.	189.	120.	115.	103.	105.	152.	145.	848.	127.	123.	118.
9 18 35	125.	178.	194.	121.	112.	108.	105.	154.	141.	848.	128.	127.	118.
9 18 40	124.	181.	193.	122.	113.	111.	106.	152.	143.	848.	126.	125.	118.
9 18 45	127.	186.	193.	122.	113.	107.	109.	153.	145.	848.	126.	113.	117.
9 18 50	126.	188.	192.	122.	113.	105.	107.	150.	145.	848.	118.	123.	119.
9 18 55	126.	191.	193.	121.	113.	101.	107.	150.	144.	848.	121.	123.	117.
9 19 5	125.	190.	195.	120.	113.	107.	107.	150.	145.	848.	119.	122.	111.
9 19 10	124.	192.	196.	119.	116.	116.	107.	151.	145.	848.	122.	123.	111.
9 19 15	124.	192.	196.	119.	113.	115.	105.	151.	145.	848.	122.	123.	111.
9 19 20	122.	193.	196.	124.	112.	115.	105.	151.	145.	848.	122.	123.	111.
9 19 25	123.	194.	194.	123.	113.	106.	106.	148.	146.	848.	122.	121.	109.
9 19 30	128.	193.	198.	121.	112.	108.	106.	152.	143.	848.	126.	128.	108.
9 19 35	126.	193.	198.	121.	113.	111.	108.	153.	144.	848.	127.	125.	119.
9 19 40	127.	193.	200.	121.	113.	108.	107.	153.	145.	848.	127.	125.	119.
9 19 45	126.	191.	202.	127.	113.	108.	107.	153.	145.	848.	128.	126.	119.
9 19 50	126.	191.	198.	125.	112.	105.	105.	152.	146.	848.	123.	110.	115.
9 19 55	124.	190.	200.	126.	111.	107.	105.	152.	146.	848.	128.	121.	106.
9 19 57	125.	201.	195.	127.	114.	106.	106.	145.	147.	848.	119.	121.	118.
	127.	199.	204.	127.	113.	103.	106.	154.	146.	848.	127.	121.	117.

TIME M/M/S	EC 109 TEMP AMB MMW AFT R/H	PR 20 TEMP OIL CSO INLET L/H ENGINE	PR 22 TEMP OIL CSO OUTLET L/H ENGINE	EC 110 TEMP WEAPNS BAY STA 460	EC 111 TEMP WEAPNS BAY STA 400	EC 112 TEMP WEAPNS BAY STA 341	EC 113 TEMP WEAPNS BAY STA 276	SP 11 TEMP HYD OIL JTL RESEVR	SP 12 TEMP HYD OIL PRIM INLET RUDDER	EC 102 TEMP RADOME AREA TOP STA 24	EC 103 TEMP RADOME AREA TOP STA 72	EC 104 TEMP RADOME AREA TOP STA120	EC 105 TEMP RADOME AREA TOP STA124
9 20 2	126.	193.	206.	125.	112.	109.	107.	157.	145.	048.	127.	123.	116.
9 20 7	127.	203.	202.	126.	113.	103.	105.	151.	149.	048.	123.	119.	112.
9 20 12	125.	201.	204.	125.	113.	100.	105.	151.	148.	048.	123.	120.	111.
9 20 17	127.	203.	206.	125.	112.	112.	106.	154.	145.	048.	126.	120.	121.
9 20 22	124.	205.	205.	126.	112.	111.	105.	150.	146.	048.	122.	124.	115.
9 20 27	124.	205.	207.	120.	113.	106.	100.	152.	149.	048.	120.	117.	110.
9 20 32	124.	206.	208.	127.	113.	107.	107.	152.	148.	048.	128.	110.	100.
9 20 37	123.	214.	203.	123.	112.	110.	106.	150.	152.	048.	117.	117.	100.
9 20 42	126.	209.	208.	122.	115.	105.	105.	154.	149.	048.	122.	120.	113.
9 20 47	125.	209.	212.	123.	112.	116.	106.	152.	145.	048.	118.	123.	114.
9 20 52	126.	206.	212.	122.	112.	109.	105.	156.	145.	048.	124.	125.	114.
9 20 57	123.	212.	210.	122.	112.	115.	106.	152.	156.	048.	117.	122.	110.
9 21 2	123.	218.	214.	120.	112.	110.	106.	150.	151.	048.	120.	123.	100.
9 21 7	125.	217.	208.	126.	112.	108.	106.	150.	150.	048.	121.	119.	100.
9 21 17	125.	214.	211.	125.	112.	108.	106.	150.	148.	048.	121.	123.	104.
9 21 22	127.	216.	209.	124.	113.	107.	106.	155.	148.	048.	121.	123.	113.
9 21 27	125.	213.	212.	124.	112.	102.	106.	157.	147.	048.	122.	124.	114.
9 21 32	127.	211.	228.	123.	116.	111.	100.	159.	148.	048.	123.	126.	117.
9 21 37	120.	212.	216.	127.	113.	101.	106.	159.	149.	048.	127.	118.	114.
9 21 47	127.	211.	220.	120.	112.	102.	105.	160.	148.	048.	125.	125.	115.
9 21 52	127.	210.	221.	120.	112.	95.	103.	161.	147.	048.	127.	125.	116.
9 21 57	127.	213.	223.	127.	112.	104.	105.	159.	147.	048.	126.	123.	114.
9 22 2	124.	219.	210.	130.	113.	110.	106.	152.	149.	048.	125.	110.	109.
9 22 7	126.	213.	217.	130.	113.	107.	106.	154.	149.	048.	120.	120.	110.
9 22 12	120.	219.	219.	130.	110.	113.	105.	150.	147.	048.	124.	125.	114.
9 22 17	121.	223.	217.	131.	112.	102.	105.	157.	147.	048.	125.	124.	110.
9 22 22	125.	224.	217.	131.	113.	103.	105.	155.	155.	048.	118.	119.	112.
9 22 27	127.	220.	221.	133.	114.	95.	105.	155.	147.	048.	125.	123.	112.
9 22 32	126.	221.	222.	131.	113.	96.	101.	156.	148.	048.	123.	123.	114.
9 22 37	120.	216.	220.	130.	111.	100.	100.	156.	146.	048.	127.	127.	119.
9 22 42	127.	210.	220.	120.	112.	107.	100.	161.	147.	048.	123.	127.	119.
9 22 47	120.	221.	225.	126.	113.	103.	106.	158.	147.	048.	121.	121.	115.
9 22 52	127.	225.	223.	125.	113.	102.	105.	158.	147.	048.	123.	127.	119.
9 22 57	125.	220.	222.	125.	114.	103.	100.	154.	147.	048.	121.	121.	115.
9 23 2	125.	229.	224.	124.	113.	110.	105.	150.	150.	048.	110.	119.	110.
9 23 7	127.	219.	220.	122.	112.	116.	106.	155.	147.	048.	121.	123.	112.
9 23 12	120.	221.	229.	124.	112.	112.	105.	159.	147.	048.	123.	124.	116.
9 23 17	125.	230.	226.	132.	114.	112.	106.	150.	150.	048.	118.	119.	95.
9 23 22	126.	227.	229.	130.	114.	106.	105.	159.	149.	048.	122.	121.	104.
9 23 27	126.	226.	220.	130.	113.	101.	107.	159.	149.	048.	124.	123.	112.
9 23 32	126.	226.	229.	131.	113.	101.	105.	164.	149.	048.	124.	122.	112.
9 23 37	127.	226.	231.	134.	116.	101.	104.	163.	149.	048.	123.	121.	112.
9 23 42	127.	225.	232.	133.	115.	98.	104.	165.	148.	048.	123.	122.	111.
9 23 47	127.	231.	233.	129.	112.	113.	105.	157.	136.	048.	121.	122.	109.
9 23 52	126.	230.	231.	130.	113.	107.	103.	159.	143.	048.	122.	121.	100.
9 23 57	116.	226.	236.	131.	114.	101.	110.	165.	147.	048.	123.	127.	115.
9 24 3	121.	229.	235.	131.	112.	107.	107.	160.	149.	048.	122.	123.	112.

TIME H/M/S	EC 109 TEMP MM AFT R/H	PR 20 TEMP OIL CSD INLET L/H ENGINE	PR 22 TEMP OIL CSD OUTLET L/H ENGINE	EC 110 TEMP WEAPNS BAY STA 460	EC 111 TEMP WEAPNS BAY STA 400	EC 112 TEMP WEAPNS BAY STA 341	EC 113 TEMP WEAPNS BAY STA 275	SP 11 TEMP HYJ OIL JTL RESEVR	SP 12 TEMP HYJ OIL PRIM INLET RUDDER	EC 102 TEMP RAJONE AREA TDP STA 24	EC 103 TEMP RAJONE AREA TDP STA 72	EC 104 TEMP RAJONE AREA TDP STA120	EC 105 TEMP RAJONE AREA TDP STA124
9 24 8	127.	230.	235.	136.	113.	102.	104.	165.	149.	340.	123.	110.	116.
9 24 13	127.	231.	233.	136.	113.	102.	104.	164.	151.	340.	119.	110.	114.
9 24 23	127.	229.	237.	137.	114.	105.	105.	167.	149.	340.	126.	123.	118.
9 24 23	128.	231.	237.	138.	114.	105.	105.	165.	149.	340.	124.	122.	118.
9 28 16	127.	262.	262.	154.	120.	115.	100.	168.	158.	340.	128.	125.	111.
9 28 21	126.	254.	265.	153.	120.	107.	100.	165.	150.	340.	122.	125.	110.
9 28 34	124.	239.	260.	155.	121.	105.	103.	168.	152.	340.	128.	122.	107.
9 28 31	124.	240.	259.	154.	121.	104.	102.	171.	154.	340.	119.	122.	108.
9 28 36	124.	253.	260.	158.	118.	103.	102.	171.	154.	340.	128.	123.	105.
9 28 41	126.	259.	263.	157.	113.	106.	102.	164.	154.	340.	122.	124.	108.
9 28 46	128.	260.	268.	152.	121.	105.	103.	162.	151.	340.	122.	125.	114.
9 28 56	127.	268.	263.	152.	122.	106.	103.	165.	149.	340.	128.	123.	111.
9 29 1	125.	263.	260.	154.	121.	108.	103.	165.	152.	340.	122.	119.	107.
9 29 6	125.	263.	260.	155.	122.	110.	103.	166.	152.	340.	121.	120.	109.
9 29 11	127.	267.	263.	155.	120.	115.	103.	161.	154.	340.	128.	121.	113.
9 29 16	127.	268.	264.	155.	120.	113.	100.	168.	154.	340.	122.	124.	114.
9 29 16	127.	265.	270.	156.	121.	106.	103.	162.	152.	340.	125.	124.	116.
9 29 21	127.	265.	266.	156.	121.	110.	103.	165.	152.	340.	122.	123.	112.
9 29 26	127.	266.	268.	153.	121.	103.	102.	158.	156.	340.	123.	124.	109.
9 29 31	127.	267.	267.	153.	119.	107.	101.	158.	154.	340.	124.	124.	109.
9 29 36	126.	270.	268.	154.	121.	106.	102.	160.	154.	340.	122.	124.	116.
9 29 41	126.	266.	269.	154.	121.	104.	102.	165.	153.	340.	122.	122.	112.
9 29 47	125.	262.	271.	154.	121.	111.	103.	170.	152.	340.	116.	119.	107.
9 29 52	126.	266.	269.	153.	121.	112.	102.	171.	152.	340.	117.	120.	105.
9 29 55	124.	261.	269.	156.	123.	106.	101.	173.	151.	340.	121.	120.	105.
9 30 2	125.	266.	266.	155.	121.	110.	101.	168.	151.	340.	123.	122.	107.
9 30 7	128.	266.	265.	147.	121.	114.	103.	167.	152.	340.	121.	121.	109.
9 30 12	126.	265.	266.	151.	120.	113.	102.	161.	152.	340.	121.	121.	113.
9 30 17	127.	269.	275.	155.	123.	102.	101.	161.	152.	340.	121.	122.	104.
9 30 22	126.	270.	272.	155.	122.	105.	102.	161.	153.	340.	120.	120.	106.
9 30 27	125.	266.	272.	152.	123.	100.	103.	169.	152.	340.	117.	119.	106.
9 30 32	125.	265.	273.	152.	123.	101.	102.	171.	152.	340.	120.	119.	107.
9 30 37	126.	265.	279.	151.	120.	100.	103.	167.	151.	340.	124.	123.	107.
9 30 42	126.	266.	269.	152.	120.	104.	103.	169.	152.	340.	122.	122.	110.
9 30 47	127.	265.	273.	153.	122.	101.	102.	172.	151.	340.	127.	122.	113.
9 30 52	127.	266.	272.	154.	121.	104.	102.	169.	152.	340.	127.	124.	114.
9 30 57	127.	268.	275.	154.	123.	102.	101.	170.	151.	340.	118.	119.	108.
9 31 2	127.	268.	277.	154.	123.	104.	102.	172.	152.	340.	117.	117.	108.
9 31 7	125.	264.	275.	156.	123.	99.	102.	173.	150.	340.	124.	121.	106.
9 31 12	125.	266.	275.	156.	122.	105.	101.	174.	151.	340.	124.	121.	105.
9 31 17	126.	269.	270.	156.	123.	104.	101.	175.	152.	340.	119.	119.	106.
9 31 22	127.	278.	274.	155.	123.	102.	101.	169.	153.	340.	121.	118.	109.
9 31 37	127.	277.	275.	156.	123.	114.	103.	161.	155.	340.	118.	120.	108.
9 31 42	127.	275.	279.	154.	124.	108.	102.	165.	156.	340.	119.	121.	109.
9 31 47	128.	274.	277.	149.	122.	116.	101.	170.	157.	340.	121.	121.	103.
9 31 52	121.	270.	280.	149.	122.	111.	102.	169.	157.	340.	124.	125.	108.
9 31 57	123.	271.	280.	148.	122.	111.	108.	176.	155.	340.	128.	128.	108.
9 31 57	125.	275.	275.	146.	121.	110.	103.	171.	158.	340.	128.	119.	107.

TIME M/M/S	EC 109 TEMP AMB MM AFT R/H	PR 20 TEMP OIL CSO INLET L/H ENGINE	PR 22 TEMP OIL CSO OUTLET L/H ENGINE	EC 110 TEMP WEAPNS BAY STA 460	EC 111 TEMP WEAPNS BAY STA 400	EC 112 TEMP WEAPNS BAY STA 341	EC 113 TEMP WEAPNS BAY STA 275	SP 11 TEMP HYD OIL UTL RESEVR	SP 12 TEMP HYD OIL PRIM INLET RUDDER	EC 102 TEMP RADOME AREA TOP STA 24	EC 103 TEMP RADOME AREA TOP STA 72	EC 104 TEMP RADOME AREA TOP STA120	EC 105 TEMP RADOME AREA TOP STA124
9 32 2	126.	276.	275.	144.	121.	110.	103.	172.	156.	848.	124.	120.	107.
9 32 7	128.	283.	278.	141.	121.	112.	103.	167.	158.	848.	123.	116.	111.
9 32 12	128.	282.	278.	141.	121.	109.	103.	165.	160.	848.	124.	121.	114.
9 32 17	129.	278.	281.	140.	121.	106.	103.	164.	168.	848.	127.	124.	114.
9 32 22	129.	279.	279.	141.	120.	109.	100.	168.	161.	848.	125.	124.	111.
9 32 28	129.	285.	278.	139.	120.	110.	103.	165.	150.	848.	126.	125.	115.
9 32 33	129.	278.	282.	139.	120.	108.	103.	164.	158.	848.	127.	124.	114.
9 32 38	128.	280.	280.	138.	119.	107.	103.	163.	158.	848.	121.	123.	112.
9 32 43	127.	279.	285.	137.	119.	107.	103.	177.	158.	848.	121.	120.	110.
9 32 48	116.	276.	286.	138.	121.	100.	97.	171.	160.	848.	126.	115.	110.
9 32 53	120.	280.	283.	138.	120.	100.	105.	167.	159.	848.	125.	120.	110.
9 32 58	116.	280.	280.	135.	119.	108.	105.	168.	157.	848.	121.	123.	114.
9 33 3	121.	283.	282.	134.	119.	104.	104.	170.	155.	848.	122.	120.	110.
9 33 8	127.	283.	284.	131.	120.	104.	102.	163.	157.	848.	123.	121.	110.
9 33 13	116.	273.	284.	131.	120.	106.	103.	178.	153.	848.	123.	122.	106.
9 33 18	120.	275.	283.	130.	118.	108.	103.	167.	158.	848.	126.	123.	112.
9 33 23	130.	280.	286.	131.	118.	109.	103.	164.	159.	848.	125.	123.	116.
9 33 28	130.	282.	283.	130.	118.	107.	103.	167.	159.	848.	124.	123.	114.
9 33 33	129.	286.	282.	127.	118.	110.	103.	172.	154.	848.	125.	125.	114.
9 33 38	126.	286.	281.	127.	118.	105.	102.	175.	156.	848.	124.	121.	110.
9 33 43	129.	283.	284.	126.	113.	102.	104.	167.	158.	848.	127.	122.	113.
9 33 48	129.	283.	280.	125.	113.	103.	103.	169.	158.	848.	127.	122.	112.
9 34 3	128.	281.	292.	127.	119.	97.	102.	171.	150.	848.	124.	121.	107.
9 34 8	128.	280.	289.	127.	118.	103.	101.	175.	156.	848.	120.	120.	106.
9 34 13	116.	280.	287.	129.	117.	103.	103.	178.	152.	848.	121.	110.	106.
9 34 18	122.	280.	287.	122.	115.	106.	103.	178.	154.	848.	124.	120.	107.
9 34 23	132.	284.	289.	125.	115.	111.	97.	172.	156.	848.	126.	122.	105.
9 34 28	131.	287.	285.	127.	116.	110.	99.	173.	157.	848.	125.	123.	108.
9 34 33	128.	285.	291.	133.	119.	101.	100.	169.	156.	848.	128.	123.	112.
9 34 38	130.	285.	291.	135.	118.	104.	100.	167.	156.	848.	128.	124.	111.
9 34 43	128.	286.	286.	136.	117.	109.	101.	172.	158.	848.	126.	127.	114.
9 34 48	128.	284.	287.	137.	118.	110.	101.	173.	156.	848.	124.	124.	110.
9 34 53	131.	289.	288.	140.	117.	108.	100.	162.	158.	848.	121.	124.	111.
9 35 4	130.	284.	292.	142.	118.	107.	100.	170.	156.	848.	125.	126.	112.
9 35 9	129.	290.	288.	145.	121.	103.	100.	165.	158.	848.	124.	122.	110.
9 35 14	130.	288.	288.	145.	119.	103.	101.	178.	157.	848.	123.	123.	103.
9 35 19	126.	285.	291.	145.	119.	105.	103.	177.	156.	848.	122.	121.	110.
9 35 24	126.	281.	293.	144.	119.	105.	103.	179.	156.	848.	122.	121.	110.
9 35 29	130.	290.	287.	139.	119.	105.	101.	167.	158.	848.	124.	123.	114.
9 35 34	130.	285.	291.	138.	113.	105.	101.	175.	155.	848.	124.	121.	112.
9 35 39	138.	285.	292.	136.	118.	105.	101.	182.	156.	848.	124.	119.	110.
9 35 44	130.	285.	294.	136.	118.	105.	98.	180.	156.	848.	123.	121.	110.
9 35 49	128.	286.	299.	134.	120.	105.	101.	172.	156.	848.	123.	116.	105.
9 35 54	128.	286.	299.	134.	119.	104.	101.	172.	155.	848.	122.	110.	105.
9 35 59	128.	294.	293.	136.	119.	105.	103.	172.	159.	848.	126.	121.	100.
9 36 4	129.	293.	292.	135.	120.	101.	103.	165.	158.	848.	126.	121.	111.

TIME M/H/S	EC 109 TEMP AMB M/H AFT R/H	PR 20 TEMP OIL CSD INLET L/M ENGINE	PR 22 TEMP OIL CSD OUTLET L/M ENGINE	EC 110 TEMP MEAPNS BAY 460	EC 111 TEMP MEAPNS BAY 400	EC 112 TEMP MEAPNS BAY 341	EC 113 TEMP MEAPNS BAY 275	SP 11 TEMP HYJ OIL JIL RESEVR	SP 12 TEMP HYJ OIL PRIM INLET RUDDER	EC 102 TEMP RADOME AREA TOP STA 24	EC 103 TEMP RADOME AREA TOP STA 72	EC 104 TEMP RADOME AREA TOP STA120	EC 105 TEMP RADOME AREA TOP STA124
9 36 9	129.	291.	300.	134.	119.	105.	101.	164.	158.	848.	121.	121.	108.
9 36 14	130.	289.	301.	133.	119.	103.	103.	159.	157.	848.	120.	121.	109.
9 36 19	129.	293.	295.	132.	120.	103.	103.	163.	160.	848.	125.	121.	108.
9 36 24	129.	291.	295.	132.	119.	103.	103.	172.	161.	848.	125.	120.	108.
9 36 29	128.	293.	291.	132.	119.	105.	103.	163.	164.	848.	127.	130.	108.
9 36 34	128.	296.	298.	133.	119.	104.	103.	168.	165.	848.	123.	125.	108.
9 36 39	128.	296.	298.	129.	122.	105.	101.	172.	166.	848.	125.	121.	106.
9 36 44	129.	290.	293.	129.	119.	105.	103.	174.	166.	848.	124.	118.	106.
9 36 49	129.	290.	293.	129.	119.	105.	103.	188.	166.	848.	122.	116.	108.
9 36 54	128.	286.	300.	128.	119.	105.	103.	182.	165.	848.	125.	116.	108.
9 36 59	129.	290.	298.	127.	117.	105.	101.	186.	164.	848.	123.	120.	110.
9 37 4	127.	286.	301.	130.	117.	105.	102.	181.	164.	848.	119.	123.	109.
9 37 9	127.	290.	298.	128.	117.	105.	95.	185.	166.	848.	127.	119.	109.
9 37 14	127.	290.	289.	130.	119.	105.	99.	180.	166.	848.	126.	121.	108.
9 37 19	126.	294.	294.	130.	121.	105.	99.	165.	168.	848.	125.	121.	108.
9 37 24	126.	294.	294.	129.	119.	105.	103.	164.	167.	848.	125.	122.	108.
9 37 29	129.	286.	307.	130.	119.	105.	105.	186.	162.	848.	123.	123.	105.
9 37 34	129.	292.	300.	129.	118.	105.	104.	185.	161.	848.	123.	121.	105.
9 37 39	128.	299.	305.	128.	117.	105.	103.	178.	163.	848.	123.	123.	112.
9 37 44	128.	295.	304.	129.	118.	105.	103.	181.	162.	848.	125.	122.	110.
9 37 49	128.	295.	305.	130.	117.	105.	102.	185.	159.	848.	124.	121.	112.
9 37 54	128.	280.	305.	130.	117.	105.	102.	180.	160.	848.	125.	123.	110.
9 37 59	127.	289.	299.	129.	117.	105.	103.	175.	161.	848.	125.	122.	103.
9 38 4	127.	294.	306.	128.	119.	105.	103.	171.	162.	848.	125.	124.	106.
9 38 9	128.	300.	307.	127.	119.	105.	103.	186.	157.	848.	123.	122.	107.
9 38 14	127.	286.	307.	126.	117.	106.	102.	186.	157.	848.	127.	115.	107.
9 38 19	128.	293.	304.	127.	118.	105.	101.	169.	162.	848.	126.	119.	107.
9 38 24	128.	293.	304.	127.	118.	105.	101.	168.	162.	848.	123.	124.	106.
9 38 29	128.	289.	312.	128.	118.	105.	102.	180.	163.	848.	123.	124.	106.
9 38 34	128.	289.	310.	127.	118.	105.	102.	184.	163.	848.	125.	123.	106.
9 38 39	128.	293.	308.	129.	117.	103.	102.	178.	169.	848.	124.	117.	106.
9 38 44	128.	292.	309.	128.	119.	104.	102.	183.	166.	848.	123.	119.	109.
9 38 49	129.	298.	297.	134.	117.	105.	102.	183.	168.	848.	128.	123.	95.
9 38 54	129.	301.	295.	130.	118.	105.	101.	177.	169.	848.	125.	121.	103.
9 38 59	128.	286.	312.	125.	117.	105.	102.	194.	167.	848.	124.	120.	107.
9 39 4	128.	291.	311.	125.	117.	105.	102.	187.	170.	848.	124.	120.	107.
9 39 9	127.	298.	303.	126.	115.	101.	101.	186.	173.	848.	125.	121.	108.
9 39 14	127.	298.	303.	126.	115.	101.	101.	186.	173.	848.	125.	121.	108.
9 39 19	127.	302.	299.	127.	116.	102.	101.	181.	176.	848.	124.	121.	109.
9 39 24	128.	294.	304.	127.	123.	106.	95.	191.	172.	848.	127.	121.	107.
9 39 29	128.	304.	312.	128.	117.	105.	96.	174.	165.	848.	125.	121.	107.
9 39 34	128.	304.	312.	128.	117.	105.	96.	174.	165.	848.	125.	121.	107.
9 39 39	127.	311.	319.	128.	112.	103.	97.	172.	152.	848.	123.	117.	106.
9 39 44	127.	311.	319.	128.	112.	103.	97.	172.	152.	848.	123.	117.	106.
9 39 49	127.	311.	319.	128.	112.	103.	97.	172.	152.	848.	123.	117.	106.
9 39 54	127.	311.	319.	128.	112.	103.	97.	172.	152.	848.	123.	117.	106.
9 40 4	128.	304.	312.	130.	112.	106.	97.	181.	153.	848.	125.	121.	105.
9 40 9	128.	304.	312.	130.	112.	106.	97.	181.	153.	848.	125.	121.	105.
9 40 14	128.	304.	312.	130.	112.	106.	97.	181.	153.	848.	125.	121.	105.
9 40 19	128.	304.	312.	130.	112.	106.	97.	181.	153.	848.	125.	121.	105.
9 40 24	127.	313.	321.	131.	113.	104.	99.	186.	156.	848.	123.	121.	101.
9 40 29	127.	313.	321.	131.	113.	104.	99.	186.	156.	848.	123.	121.	101.
9 40 34	127.	313.	321.	131.	113.	104.	99.	186.	156.	848.	123.	121.	101.
9 40 39	127.	313.	321.	131.	113.	104.	99.	186.	156.	848.	123.	121.	101.
9 40 44	127.	313.	321.	131.	113.	104.	99.	186.	156.	848.	123.	121.	101.
9 40 49	127.	313.	321.	131.	113.	104.	99.	186.	156.	848.	123.	121.	101.
9 40 54	127.	313.	321.	131.	113.	104.	99.	186.	156.	848.	123.	121.	101.
9 40 59	127.	313.	321.	131.	113.	104.	99.	186.	156.	848.	123.	121.	101.
9 41 4	126.	319.	329.	133.	115.	102.	96.	183.	155.	848.	123.	121.	101.
9 41 9	126.	319.	329.	133.	115.	102.	96.	183.	155.	848.	123.	121.	101.
9 41 14	126.	319.	329.	133.	115.	102.	96.	183.	155.	848.	123.	121.	101.
9 41 19	126.	319.	329.	133.	115.	102.	96.	183.	155.	848.	123.	121.	101.
9 41 24	126.	319.	329.	133.	115.	102.	96.	183.	155.	848.	123.	121.	101.
9 41 29	126.	319.	329.	133.	115.	102.	96.	183.	155.	848.	123.	121.	101.
9 41 34	126.	319.	329.	133.	115.	102.	96.	183.	155.	848.	123.	121.	101.
9 41 39	126.	319.	329.	133.	115.	102.	96.	183.	155.	848.	123.	121.	101.
9 41 44	126.	319.	329.	133.	115.	102.	96.	183.	155.	848.	123.	121.	101.
9 41 49	126.	319.	329.	133.	115.	102.	96.	183.	155.	848.	123.	121.	101.
9 41 54	126.	319.	329.	133.	115.	102.	96.	183.	155.	848.	123.	121.	101.
9 41 59	126.	319.	329.	133.	115.	102.	96.	183.	155.	848.	123.	121.	101.
9 42 4	128.	324.	346.	129.	114.	101.	97.	181.	151.	848.	122.	121.	103.
9 42 9	128.	324.	346.	129.	114.	101.	97.	181.	151.	848.	122.	121.	103.
9 42 14	128.	324.	346.	129.	114.	101.	97.	181.	151.	848.	122.	121.	103.
9 42 19	128.	324.	346.	129.	114.	101.	97.	181.	151.	848.	122.	121.	103.
9 42 24	128.	324.	346.	129.	114.	101.	97.	181.	151.	848.	122.	121.	103.
9 42 29	128.	324.	346.	129.	114.	101.	97.	181.	151.	848.	122.	121.	103.
9 42 34	128.	324.	346.	129.	114.	101.	97.	181.	151.	848.	122.	121.	103.
9 42 39	128.	324.	346.	129.	114.	101.	97.	181.	151.	848.	122.	121.	103.
9 42 44	128.	324.	346.	129.	114.	101.	97.	181.	151.	848.	122.	121.	103.
9 42 49	128.	324.	346.	129.	114.	101.	97.	181.	151.	848.	122.	121.	103.
9 42 54	128.	324.	346.	129.	114.	101.	97.	181.	151.	848.	122.	121.	103.
9 42 59	128.	324.	346.	129.	114.	101.	97.	181.	151.	848.	122.	121.	103.
9 43 4	128.	332.	336.	126.	112.	100.	97.	165.	156.	848.	124.	119.	103.

TIME H/M/S	EC 109 TEMP ARB HMM AFT 2/H	PR 20 TEMP OIL CSD INLET L/H ENGINE	PR 22 TEMP OIL CSD OUTLET L/H ENGINE	EC 110 TEMP WEAPNS BAY STA 460	EC 111 TEMP WEAPNS BAY STA 400	EC 112 TEMP WEAPNS BAY STA 341	EC 113 TEMP WEAPNS BAY STA 275	SP 11 TEMP HYD OIL JTL RESEVR	SP 12 TEMP HYD OIL PRIM INLET RUDDER	EC 102 TEMP RADOME AREA TOP STA 24	EC 103 TEMP RADOME AREA TOP STA 72	EC 104 TEMP RADOME AREA TOP STA120	EC 105 TEMP RADOME AREA TOP STA124
10 0 42	128.	332.	336.	126.	111.	100.	97.	163.	156.	848.	123.	116.	102.
10 0 47	128.	329.	342.	124.	114.	102.	97.	171.	136.	848.	121.	121.	103.
10 0 52	128.	329.	345.	124.	114.	101.	96.	163.	147.	848.	122.	119.	101.
10 0 57	128.	332.	340.	125.	115.	110.	95.	165.	156.	848.	124.	118.	101.
10 1 2	128.	326.	332.	129.	115.	102.	97.	160.	156.	848.	123.	119.	100.
10 1 12	128.	322.	325.	127.	115.	96.	95.	158.	158.	848.	123.	119.	100.
10 1 17	128.	326.	334.	127.	115.	98.	95.	156.	157.	848.	123.	128.	97.
10 1 22	128.	321.	325.	124.	113.	101.	96.	158.	158.	848.	119.	122.	97.
10 1 27	129.	321.	325.	124.	113.	100.	96.	156.	158.	848.	120.	120.	98.
10 1 32	129.	319.	324.	123.	114.	99.	90.	158.	159.	848.	117.	121.	101.
10 1 32	129.	319.	324.	123.	114.	99.	96.	161.	158.	848.	122.	122.	99.
10 1 42	129.	327.	326.	122.	115.	99.	97.	156.	161.	848.	119.	119.	101.
10 1 47	127.	320.	326.	124.	114.	95.	97.	162.	158.	848.	119.	117.	99.
10 1 52	128.	318.	324.	125.	114.	96.	97.	159.	160.	848.	123.	120.	100.
10 1 57	127.	330.	339.	123.	113.	99.	96.	169.	153.	848.	123.	120.	103.
10 2 2	127.	327.	341.	122.	113.	99.	98.	174.	145.	848.	122.	123.	102.
10 2 7	128.	316.	336.	122.	113.	100.	97.	176.	151.	848.	127.	119.	99.
10 2 13	128.	314.	336.	122.	113.	100.	98.	180.	152.	848.	125.	120.	102.
10 2 18	126.	316.	335.	123.	113.	101.	98.	176.	152.	848.	123.	125.	98.
10 2 23	128.	315.	329.	124.	112.	100.	97.	169.	153.	848.	123.	122.	99.
10 2 28	128.	329.	329.	125.	112.	99.	97.	178.	154.	848.	121.	117.	95.
10 2 33	128.	323.	329.	127.	113.	99.	96.	163.	154.	848.	121.	121.	98.
10 2 38	128.	331.	325.	127.	112.	99.	95.	158.	150.	848.	121.	121.	101.
10 2 43	128.	320.	330.	127.	113.	100.	95.	168.	155.	848.	120.	121.	98.
10 2 48	128.	317.	332.	128.	110.	100.	95.	175.	152.	848.	126.	118.	100.
10 2 53	129.	318.	333.	129.	113.	100.	96.	177.	152.	848.	123.	120.	102.
10 2 58	128.	322.	336.	130.	115.	99.	98.	177.	153.	848.	121.	123.	101.
10 3 3	129.	319.	331.	131.	115.	97.	98.	173.	154.	848.	124.	122.	101.
10 3 8	129.	315.	329.	128.	110.	101.	97.	172.	147.	848.	127.	122.	100.
10 3 13	128.	322.	331.	128.	116.	100.	96.	152.	152.	848.	121.	121.	98.
10 3 18	128.	333.	323.	128.	115.	99.	95.	151.	156.	848.	121.	121.	94.
10 3 23	128.	326.	327.	127.	115.	99.	96.	162.	156.	848.	122.	123.	97.
10 3 28	128.	322.	326.	127.	115.	100.	96.	160.	155.	848.	122.	120.	102.
10 3 33	128.	320.	325.	127.	115.	100.	96.	158.	155.	848.	120.	121.	101.
10 3 38	129.	315.	327.	128.	116.	100.	96.	171.	153.	848.	127.	125.	100.
10 3 43	129.	322.	332.	128.	115.	99.	96.	178.	154.	848.	124.	124.	100.
10 3 48	129.	317.	334.	129.	116.	100.	95.	170.	154.	848.	124.	124.	97.
10 3 53	129.	320.	328.	129.	116.	100.	95.	172.	154.	848.	124.	124.	98.
10 3 58	130.	322.	331.	133.	116.	101.	97.	167.	154.	848.	127.	125.	100.
10 4 3	129.	322.	332.	134.	116.	100.	97.	166.	154.	848.	127.	125.	101.
10 4 8	130.	322.	333.	136.	116.	101.	97.	166.	154.	848.	128.	126.	103.

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TIME M/H/S	SP TEMP HYDROL INLET JTL PUMP	SP TEMP HYD OIL INLET PRIMRY PUMP	EC 94 TEMP FWU EQUIP AFT CHECK L/H	EC 95 TEMP AFT EQUIP AFT CHECK L/H	EC 96 TEMP FWU EQUIP AFT CHECK R/H	EC 97 TEMP AFT EQUIP AFT CHECK R/H	EC 68 DOP PROCES	EC 69 LO VOLT POS UP	EC 70 ELEC PROC UT	EC 71 XMR HEATX IN	EC 72 XMR HEATX OUT	EC 73 CADC	EC 74 MAX COMP UNT
9 51 48	117.	117.	125.	129.	121.	122.	LOM	121.	117.	103.	108.	119.	117.
9 51 53	118.	116.	124.	125.	121.	126.	LOM	122.	119.	102.	110.	122.	121.
9 51 58	119.	116.	124.	125.	121.	123.	LOM	123.	119.	102.	108.	120.	119.
9 12 4	117.	117.	125.	127.	124.	124.	LOM	121.	116.	103.	110.	116.	116.
9 12 9	119.	118.	124.	126.	123.	122.	-OM	123.	117.	99.	103.	113.	117.
9 12 14	119.	118.	124.	128.	121.	123.	LOM	121.	118.	95.	104.	121.	118.
9 12 19	117.	118.	125.	128.	122.	122.	-OM	121.	119.	92.	101.	121.	117.
9 12 24	116.	118.	124.	128.	124.	121.	LOM	119.	117.	87.	98.	117.	114.
9 12 29	117.	118.	124.	127.	122.	122.	LOM	119.	116.	79.	99.	116.	95.
9 12 34	118.	117.	123.	127.	120.	124.	LOM	120.	116.	64.	91.	120.	106.
9 12 39	117.	117.	124.	126.	122.	122.	LOM	121.	119.	84.	91.	120.	106.
9 12 44	116.	119.	125.	128.	123.	122.	-OM	116.	116.	88.	86.	116.	108.
9 12 49	118.	118.	124.	129.	123.	122.	LOM	118.	117.	88.	85.	116.	109.
9 12 54	119.	119.	123.	126.	121.	122.	LOM	121.	120.	82.	82.	119.	110.
9 12 59	118.	119.	123.	127.	122.	121.	LOM	119.	113.	83.	83.	121.	113.
9 13 4	123.	119.	124.	130.	120.	121.	-OM	117.	115.	76.	80.	114.	110.
9 13 9	123.	119.	124.	130.	120.	121.	LOM	120.	118.	80.	83.	110.	113.
9 13 14	129.	119.	125.	127.	123.	121.	LOM	117.	118.	82.	82.	121.	110.
9 13 19	129.	120.	122.	128.	122.	121.	-OM	118.	120.	79.	83.	121.	116.
9 13 29	132.	121.	123.	129.	120.	121.	LOM	119.	119.	76.	78.	115.	111.
9 13 34	133.	121.	124.	129.	120.	121.	LOM	120.	128.	78.	81.	119.	114.
9 13 39	135.	123.	124.	126.	121.	121.	-OM	119.	120.	77.	80.	120.	116.
9 13 39	137.	122.	124.	126.	121.	122.	LOM	116.	118.	74.	72.	113.	108.
9 13 44	136.	120.	124.	130.	118.	121.	-OM	116.	115.	74.	72.	114.	108.
9 13 49	138.	127.	124.	130.	119.	121.	LOM	118.	118.	74.	72.	114.	108.
9 13 59	139.	130.	124.	130.	121.	118.	LOM	113.	112.	69.	70.	114.	107.
9 14 12	140.	130.	123.	129.	121.	118.	LOM	116.	116.	74.	74.	110.	112.
9 14 19	141.	126.	123.	128.	122.	121.	LOM	117.	117.	72.	71.	116.	108.
9 14 24	141.	126.	123.	128.	122.	121.	LOM	117.	118.	74.	72.	117.	110.
9 14 29	143.	137.	123.	130.	120.	121.	LOM	119.	116.	76.	75.	119.	114.
9 14 34	136.	136.	123.	128.	122.	119.	LOM	120.	121.	75.	73.	120.	113.
9 14 40	145.	138.	123.	130.	121.	121.	LOM	118.	114.	66.	66.	112.	107.
9 14 45	147.	137.	123.	130.	121.	122.	LOM	118.	117.	69.	69.	116.	109.
9 14 50	147.	140.	123.	129.	121.	122.	LOM	117.	116.	65.	65.	115.	109.
9 14 55	147.	141.	123.	129.	121.	121.	LOM	117.	116.	63.	64.	114.	107.
9 15 5	146.	143.	123.	129.	120.	120.	LOM	117.	119.	69.	69.	117.	107.
9 15 10	148.	142.	123.	130.	119.	121.	LOM	105.	116.	64.	61.	112.	107.
9 15 15	147.	141.	121.	129.	120.	121.	LOM	106.	115.	62.	58.	111.	106.
9 15 20	147.	141.	122.	130.	121.	118.	LOM	111.	116.	64.	60.	117.	111.
9 15 25	150.	143.	123.	130.	121.	120.	LOM	115.	115.	62.	60.	115.	108.
9 15 30	149.	144.	123.	129.	120.	121.	LOM	115.	118.	67.	62.	116.	108.
9 15 35	150.	146.	118.	128.	120.	121.	LOM	113.	118.	65.	61.	110.	109.
9 15 40	150.	146.	120.	128.	121.	119.	LOM	110.	119.	65.	61.	116.	107.
9 15 45	155.	149.	126.	128.	121.	120.	LOM	109.	117.	63.	60.	113.	108.
9 15 50	152.	149.	126.	131.	120.	120.	LOM	103.	113.	59.	56.	113.	106.

TIME H/M/S	SP TEMP HYD OIL INLET PUMP	SP TEMP HYD OIL INLET PUMP	EC 94 FWD EQUIP AFT L/W	EC 95 FWD EQUIP AFT L/W	EC 96 FWD EQUIP AFT R/W	EC 97 TEMP AFT EQUIP AFT CHECK R/W	EC 68 DO ₂ PROCES	EC 69 LO VOLT POS UP	EC 70 ELEC PROC UT	EC 71 XMR HEATX IN	EC 72 XMR HEATX OUT	EC 73 CADC	EC 74 MAX COMP UNF
9 15 55	149.	145.	122.	127.	121.	119.	-OM	113.	117.	59.	50.	115.	106.
9 16 5	148.	144.	123.	129.	120.	118.	LOM	112.	117.	61.	57.	114.	106.
9 16 10	146.	141.	121.	129.	119.	117.	LOM	112.	117.	61.	57.	114.	106.
9 16 15	147.	140.	120.	128.	120.	117.	LOM	107.	115.	61.	56.	113.	107.
9 16 20	143.	134.	121.	126.	121.	120.	LOM	100.	111.	61.	54.	114.	105.
9 16 25	147.	141.	119.	129.	121.	118.	LOM	109.	114.	61.	55.	112.	105.
9 16 35	144.	136.	125.	130.	120.	118.	LOM	112.	116.	60.	58.	114.	105.
9 16 40	144.	135.	125.	129.	119.	119.	LOM	115.	115.	59.	56.	112.	105.
9 16 45	145.	137.	125.	126.	119.	118.	LOM	107.	112.	56.	51.	110.	105.
9 16 50	147.	143.	123.	129.	121.	117.	LOM	108.	115.	58.	53.	111.	106.
9 16 55	147.	142.	120.	127.	121.	117.	-OM	109.	117.	61.	50.	111.	106.
9 17 0	141.	134.	124.	132.	121.	118.	-OM	109.	115.	59.	51.	111.	103.
9 17 5	146.	130.	121.	131.	120.	117.	LOM	109.	116.	60.	51.	111.	104.
9 17 10	141.	134.	122.	132.	115.	118.	LOM	107.	116.	57.	50.	110.	100.
9 17 15	142.	137.	119.	130.	117.	118.	LOM	101.	111.	59.	52.	109.	103.
9 17 20	150.	145.	123.	135.	118.	117.	LOM	108.	116.	58.	54.	110.	103.
9 17 25	151.	143.	124.	132.	119.	117.	LOM	107.	116.	58.	52.	111.	103.
9 17 30	141.	133.	123.	128.	121.	117.	LOM	106.	114.	60.	51.	110.	103.
9 17 35	149.	139.	121.	127.	121.	118.	-OM	106.	109.	56.	48.	111.	105.
9 17 40	141.	137.	121.	129.	119.	117.	LOM	103.	112.	55.	48.	108.	95.
9 17 45	145.	136.	124.	129.	113.	118.	LOM	104.	113.	55.	49.	100.	99.
9 17 50	148.	142.	123.	134.	121.	116.	LOM	105.	114.	56.	49.	100.	103.
9 17 55	151.	147.	125.	132.	121.	116.	-OM	106.	114.	56.	48.	100.	103.
9 18 0	143.	143.	122.	127.	121.	116.	-OM	105.	117.	56.	48.	106.	103.
9 18 5	144.	136.	121.	132.	120.	116.	LOM	103.	115.	54.	46.	106.	95.
9 18 10	150.	142.	120.	131.	118.	116.	-OM	106.	115.	58.	50.	110.	100.
9 18 15	143.	139.	123.	131.	118.	117.	LOM	103.	112.	56.	49.	100.	104.
9 18 20	140.	141.	121.	128.	118.	118.	LOM	102.	113.	56.	50.	110.	103.
9 18 25	148.	136.	131.	130.	119.	117.	LOM	103.	113.	52.	48.	106.	100.
9 18 30	151.	139.	127.	131.	119.	117.	LOM	101.	114.	54.	48.	107.	101.
9 18 35	146.	136.	125.	126.	121.	117.	LOM	101.	112.	54.	48.	100.	95.
9 18 40	151.	143.	122.	126.	119.	116.	LOM	102.	111.	56.	49.	100.	99.
9 18 45	151.	143.	119.	123.	119.	116.	-OM	103.	111.	55.	49.	100.	103.
9 18 50	152.	142.	120.	129.	118.	116.	LOM	103.	112.	55.	48.	100.	100.
9 18 55	152.	145.	121.	127.	119.	116.	LOM	100.	112.	58.	48.	100.	100.
9 19 0	153.	145.	121.	134.	119.	116.	-OM	104.	114.	54.	48.	107.	101.
9 19 5	154.	139.	121.	131.	119.	116.	LOM	100.	117.	54.	48.	100.	101.
9 19 10	157.	143.	120.	130.	119.	117.	LOM	108.	117.	52.	51.	110.	103.
9 19 15	150.	138.	121.	129.	121.	118.	LOM	97.	112.	57.	51.	110.	103.
9 19 20	149.	139.	121.	131.	123.	116.	LOM	100.	110.	53.	42.	105.	95.
9 19 25	141.	133.	123.	130.	118.	116.	LOM	101.	110.	53.	46.	104.	100.
9 19 30	145.	139.	122.	127.	118.	115.	LOM	101.	109.	53.	46.	100.	101.
9 19 35	149.	141.	119.	125.	119.	116.	LOM	98.	112.	54.	46.	100.	99.
9 19 40	153.	145.	120.	129.	118.	115.	LOM	101.	112.	54.	48.	100.	101.
9 19 45	161.	141.	117.	126.	119.	117.	LOM	101.	114.	54.	42.	100.	103.
9 19 50	159.	144.	115.	127.	118.	111.	LOM	101.	112.	57.	47.	103.	103.
9 19 55	153.	141.	121.	128.	118.	117.	-OM	98.	110.	58.	46.	103.	101.

TIME H/M/S	SP TEMP HYD OIL INLET UTL PUMP	SP TEMP HYD OIL INLET UTL PUMP	EC 94 FMD EQUIP AFT CHECK L/H	EC 95 TEMP FMD EQUIP AFT CHECK L/H	EC 96 TEMP FMD EQUIP AFT CHECK R/H	EC 97 TEMP AFT EQUIP AFT CHECK R/H	EC 98 DPP PROCES	EC 69 LO VOLT POS UP	EC 70 ELEC PROC UT	EC 71 XMR HEATX IN	EC 72 XMR HEATX OUT	EC 73 CADC	EC 74 NAX COMP UNT
9 20 2	152.	142.	123.	130.	116.	116.	LOM	98.	111.	50.	45.	105.	100.
9 20 7	157.	145.	117.	129.	117.	117.	LOM	99.	114.	53.	50.	110.	103.
9 20 12	156.	145.	118.	129.	118.	117.	LOM	100.	113.	53.	49.	109.	101.
9 20 17	159.	141.	119.	127.	113.	116.	LOM	92.	107.	48.	41.	103.	99.
9 20 22	153.	145.	118.	130.	119.	115.	LOM	97.	110.	53.	45.	99.	101.
9 20 27	158.	150.	119.	130.	120.	116.	LOM	103.	110.	53.	53.	113.	105.
9 20 32	160.	149.	119.	130.	119.	112.	LOM	102.	113.	55.	52.	112.	103.
9 20 37	161.	152.	116.	131.	118.	112.	LOM	98.	112.	56.	50.	107.	100.
9 20 42	158.	147.	118.	129.	118.	115.	LOM	97.	110.	53.	49.	106.	100.
9 20 47	156.	148.	120.	132.	117.	116.	LOM	97.	110.	56.	49.	100.	102.
9 20 52	154.	144.	121.	130.	117.	116.	LOM	96.	109.	56.	49.	103.	101.
9 20 57	150.	152.	119.	134.	121.	114.	LOM	97.	110.	67.	48.	104.	95.
9 21 2	158.	147.	122.	133.	120.	115.	LOM	97.	110.	68.	58.	102.	96.
9 21 7	161.	152.	116.	130.	118.	114.	LOM	95.	112.	62.	58.	100.	103.
9 21 17	159.	150.	118.	132.	117.	114.	LOM	97.	110.	83.	64.	105.	101.
9 21 22	156.	147.	116.	126.	113.	116.	LOM	97.	109.	89.	59.	108.	106.
9 21 27	157.	147.	118.	127.	119.	116.	LOM	97.	108.	89.	69.	105.	102.
9 21 32	152.	144.	121.	135.	117.	113.	LOM	99.	110.	91.	73.	104.	97.
9 21 37	159.	144.	118.	127.	116.	116.	LOM	97.	108.	93.	75.	104.	99.
9 21 47	154.	143.	120.	129.	116.	115.	LOM	97.	107.	93.	79.	105.	99.
9 21 52	153.	141.	119.	126.	117.	117.	LOM	100.	110.	97.	82.	110.	101.
9 21 57	155.	144.	120.	129.	116.	117.	LOM	100.	110.	97.	80.	102.	98.
9 22 2	155.	152.	117.	130.	115.	112.	LOM	99.	110.	100.	83.	105.	98.
9 22 7	162.	151.	116.	129.	117.	113.	LOM	100.	109.	103.	85.	105.	101.
9 22 12	156.	145.	117.	127.	113.	116.	LOM	99.	110.	102.	86.	105.	101.
9 22 17	158.	145.	117.	127.	118.	116.	LOM	99.	109.	101.	87.	106.	101.
9 22 22	161.	149.	115.	132.	117.	113.	LOM	103.	110.	103.	88.	105.	103.
9 22 27	163.	148.	116.	129.	118.	115.	LOM	102.	111.	105.	88.	104.	104.
9 22 32	160.	148.	119.	128.	116.	116.	LOM	101.	110.	103.	88.	103.	102.
9 22 37	154.	148.	123.	130.	117.	116.	LOM	95.	110.	103.	87.	105.	102.
9 22 42	157.	143.	121.	133.	117.	115.	LOM	96.	107.	100.	83.	105.	100.
9 22 47	156.	141.	118.	130.	115.	114.	LOM	103.	103.	103.	86.	103.	103.
9 22 52	159.	147.	116.	130.	117.	114.	LOM	105.	103.	99.	80.	104.	104.
9 22 57	153.	154.	114.	130.	117.	112.	LOM	106.	108.	103.	84.	107.	102.
9 23 3	161.	152.	115.	132.	118.	111.	LOM	105.	109.	104.	85.	105.	101.
9 23 8	162.	149.	117.	134.	116.	114.	LOM	103.	110.	103.	86.	106.	103.
9 23 13	157.	145.	118.	132.	117.	114.	LOM	104.	109.	101.	85.	105.	102.
9 23 18	167.	151.	116.	130.	118.	115.	LOM	105.	110.	100.	87.	106.	101.
9 23 23	162.	146.	118.	128.	117.	115.	LOM	105.	109.	100.	87.	106.	100.
9 23 28	150.	143.	119.	127.	115.	116.	LOM	100.	108.	95.	87.	107.	100.
9 23 33	159.	143.	117.	124.	116.	116.	LOM	103.	109.	96.	88.	107.	100.
9 23 38	156.	145.	117.	127.	121.	116.	LOM	106.	108.	98.	88.	106.	101.
9 23 43	156.	142.	120.	127.	118.	116.	LOM	106.	108.	90.	86.	105.	100.
9 23 48	164.	147.	118.	130.	117.	116.	LOM	106.	111.	90.	84.	106.	97.
9 23 53	162.	144.	118.	129.	117.	116.	LOM	105.	110.	98.	84.	105.	98.
9 23 58	152.	142.	123.	127.	115.	116.	LOM	108.	108.	99.	86.	107.	101.
9 24 3	159.	146.	120.	129.	117.	115.	LOM	104.	109.	99.	85.	107.	101.

[illegible]

TIME M/H/S	SP 1	SP 5	EC 94	EC 95	EC 96	EC 97	EC 69	EC 69	EC 70	EC 71	EC 72	EC 73	EC 74
	TEMP HYD	TEMP HYD	TEMP FWD	TEMP AFT	TEMP FWD	TEMP AFT	DO-P PRCES	LO VOLT	ELEC PROC	XMR HEATX	XMR HEATX	CADC	NAX COMP UNT
	INLET	INLET	EQUIP	EQUIP	EQUIP	EQUIP		POS	UT	IV	OUT		
	UTL	UTL	AFT	AFT	AFT	AFT		UP					
	PUMP	PUMP	CHEEK	CHEEK	CHEEK	CHEEK							
			L/M	L/M	R/M	R/M							
9 32 2	168.	159.	117.	130.	116.	114.	LOW	118.	193.	79.	71.	101.	95.
9 32 7	174.	158.	114.	138.	113.	114.	LOW	105.	106.	84.	74.	106.	181.
9 32 12	172.	160.	114.	132.	117.	113.	LOW	112.	108.	88.	78.	109.	104.
9 32 17	174.	160.	118.	134.	115.	113.	LOW	118.	110.	88.	81.	108.	183.
9 32 22	173.	161.	116.	132.	116.	113.	LOW	115.	107.	85.	77.	108.	182.
9 32 28	171.	167.	114.	133.	117.	112.	LOW	117.	109.	89.	77.	118.	185.
9 32 33	167.	160.	118.	133.	116.	112.	LOW	115.	106.	87.	75.	109.	104.
9 32 38	173.	165.	117.	132.	116.	112.	LOW	115.	106.	85.	75.	107.	95.
9 32 43	170.	159.	118.	130.	116.	113.	LOW	117.	109.	85.	75.	107.	99.
9 32 48	160.	156.	119.	132.	116.	112.	LOW	118.	109.	84.	75.	106.	101.
9 32 53	166.	158.	116.	133.	115.	111.	LOW	119.	106.	85.	72.	105.	182.
9 32 58	175.	160.	116.	130.	116.	114.	LOW	113.	107.	88.	72.	105.	98.
9 33 3	175.	159.	112.	132.	117.	110.	LOW	113.	105.	85.	73.	106.	101.
9 33 8	169.	160.	114.	133.	116.	111.	LOW	117.	106.	84.	72.	105.	99.
9 33 13	168.	157.	114.	133.	116.	111.	LOW	112.	101.	74.	64.	99.	98.
9 33 18	165.	150.	123.	129.	114.	113.	LOW	111.	101.	74.	65.	99.	92.
9 33 23	165.	152.	121.	129.	116.	113.	LOW	123.	115.	80.	77.	111.	108.
9 33 28	169.	158.	116.	132.	116.	113.	LOW	122.	118.	88.	74.	112.	185.
9 33 33	169.	159.	116.	132.	116.	113.	LOW	116.	118.	88.	74.	112.	185.
9 33 38	171.	164.	116.	132.	116.	113.	LOW	116.	118.	88.	74.	112.	185.
9 33 43	167.	162.	118.	130.	116.	111.	LOW	113.	105.	88.	68.	103.	181.
9 33 48	167.	152.	118.	131.	114.	111.	LOW	116.	104.	88.	68.	103.	98.
9 33 53	162.	151.	116.	132.	120.	112.	LOW	123.	105.	88.	79.	111.	186.
9 34 8	171.	163.	116.	131.	113.	112.	LOW	125.	116.	86.	76.	109.	182.
9 34 13	169.	158.	116.	131.	116.	114.	LOW	119.	109.	79.	66.	104.	97.
9 34 18	165.	153.	116.	132.	116.	113.	LOW	112.	97.	74.	64.	95.	94.
9 34 23	165.	150.	118.	130.	113.	111.	LOW	112.	99.	72.	65.	97.	84.
9 34 28	162.	149.	119.	130.	114.	113.	LOW	113.	108.	72.	67.	101.	94.
9 34 33	167.	153.	115.	127.	114.	113.	LOW	116.	104.	73.	69.	103.	97.
9 34 38	165.	153.	116.	128.	114.	112.	LOW	116.	108.	81.	66.	103.	96.
9 34 43	173.	155.	117.	133.	116.	112.	LOW	122.	113.	83.	71.	106.	99.
9 34 48	172.	155.	116.	131.	115.	111.	LOW	112.	102.	76.	64.	99.	94.
9 34 53	167.	152.	115.	128.	114.	112.	LOW	113.	103.	76.	65.	99.	93.
9 35 8	166.	151.	116.	132.	116.	112.	LOW	116.	106.	79.	71.	105.	183.
9 35 13	178.	158.	116.	132.	116.	112.	LOW	116.	106.	77.	69.	101.	98.
9 35 18	166.	151.	116.	132.	116.	112.	LOW	126.	112.	89.	88.	101.	185.
9 35 23	172.	160.	116.	132.	116.	112.	LOW	116.	105.	81.	73.	103.	108.
9 35 28	168.	154.	117.	132.	113.	111.	LOW	116.	105.	73.	65.	95.	93.
9 35 33	168.	149.	117.	132.	113.	111.	LOW	114.	93.	73.	65.	95.	91.
9 35 38	159.	149.	118.	133.	113.	111.	LOW	117.	103.	75.	67.	98.	91.
9 35 43	160.	154.	112.	129.	118.	111.	LOW	111.	101.	74.	67.	101.	97.
9 35 48	160.	154.	116.	131.	115.	111.	LOW	115.	101.	75.	68.	99.	95.
9 35 53	162.	149.	116.	130.	113.	112.	LOW	105.	99.	75.	66.	95.	93.
9 35 58	163.	154.	118.	131.	115.	112.	LOW	111.	101.	74.	65.	96.	89.
9 36 3	165.	154.	118.	131.	115.	112.	LOW	127.	116.	83.	79.	100.	182.
9 36 8	179.	167.	119.	130.	116.	114.	LOW	127.	114.	84.	78.	100.	182.
9 36 13	178.	164.	118.	133.	116.	113.	LOW	125.	111.	86.	82.	111.	188.
9 36 18	183.	163.	115.	132.	118.	105.	LOW	125.	111.	79.	74.	105.	182.
9 36 23	187.	176.	114.	131.	112.	104.	LOW	115.	104.				

SP	1	SP	5
TEMP	TEMP	TEMP	
HYD OIL	HYD	HYD	
INLET	OIL	OIL	
UTL	INLET	INLET	
PUMP	PRIMARY	PRIMARY	
	PUMP	PUMP	

9 36 9	174.	178.	114.	130.	116.	112.	LOW	127.	115.	89.	74.	105.	103.
9 36 14	171.	165.	117.	135.	115.	112.	LOW	126.	112.	86.	77.	105.	102.
9 36 19	162.	160.	114.	132.	116.	114.	LOW	127.	119.	86.	82.	113.	105.
9 36 24	175.	154.	116.	123.	115.	114.	LOW	128.	109.	77.	76.	105.	90.
9 36 29	180.	165.	112.	128.	114.	104.	LOW	117.	106.	77.	74.	104.	101.
9 36 34	174.	162.	114.	132.	103.	110.	LOW	116.	110.	83.	77.	106.	102.
9 36 44	174.	162.	117.	129.	116.	114.	LOW	127.	116.	85.	83.	108.	105.
9 36 49	172.	160.	118.	133.	115.	113.	LOW	127.	114.	85.	81.	113.	103.
9 36 54	160.	146.	119.	133.	115.	111.	LOW	121.	106.	77.	71.	101.	93.
9 36 59	166.	151.	117.	130.	114.	111.	LOW	117.	103.	73.	72.	99.	93.
9 37 4	163.	149.	110.	134.	113.	95.	LOW	110.	102.	74.	68.	95.	93.
9 37 9	177.	165.	116.	129.	115.	104.	LOW	116.	101.	74.	68.	95.	93.
9 37 14	170.	163.	116.	131.	112.	112.	LOW	124.	118.	84.	82.	109.	100.
9 37 19	180.	165.	116.	130.	114.	113.	LOW	124.	118.	84.	82.	110.	106.
9 37 24	168.	155.	120.	131.	114.	113.	LOW	121.	118.	82.	81.	108.	105.
9 37 29	162.	143.	120.	132.	114.	115.	LOW	121.	108.	74.	76.	104.	99.
9 37 34	165.	143.	120.	131.	114.	114.	LOW	122.	106.	77.	73.	96.	91.
9 37 40	163.	149.	115.	129.	113.	112.	LOW	119.	103.	76.	53.	95.	91.
9 37 45	163.	148.	117.	129.	112.	113.	LOW	120.	105.	74.	62.	96.	91.
9 37 50	164.	152.	120.	132.	115.	112.	LOW	117.	104.	74.	69.	101.	91.
9 37 55	171.	160.	117.	124.	116.	110.	LOW	128.	115.	83.	79.	101.	93.
9 38 0	181.	171.	119.	132.	117.	114.	LOW	122.	111.	81.	78.	100.	101.
9 38 5	186.	175.	116.	138.	116.	114.	LOW	121.	104.	74.	69.	95.	90.
9 38 10	162.	163.	120.	132.	114.	112.	LOW	121.	106.	74.	71.	99.	93.
9 38 15	163.	157.	119.	134.	115.	110.	LOW	121.	106.	74.	71.	99.	93.
9 38 20	190.	182.	116.	132.	116.	114.	LOW	128.	117.	85.	81.	111.	103.
9 38 25	192.	180.	123.	135.	113.	112.	LOW	124.	117.	79.	74.	103.	96.
9 38 30	187.	180.	122.	132.	114.	113.	LOW	121.	105.	75.	72.	100.	91.
9 38 40	180.	183.	121.	130.	114.	104.	LOW	128.	112.	82.	78.	100.	101.
9 38 45	173.	178.	115.	137.	115.	110.	LOW	125.	118.	81.	74.	104.	97.
9 38 50	180.	169.	115.	129.	114.	112.	LOW	113.	102.	78.	68.	99.	93.
9 38 55	182.	170.	111.	130.	114.	111.	LOW	124.	103.	74.	69.	101.	95.
9 39 0	169.	154.	116.	134.	110.	113.	LOW	125.	108.	76.	72.	101.	95.
9 39 5	171.	158.	117.	135.	113.	113.	LOW	113.	109.	79.	72.	103.	97.
9 39 10	176.	161.	116.	127.	114.	112.	LOW	113.	99.	80.	66.	98.	90.
9 39 20	180.	166.	113.	123.	112.	111.	LOW	115.	102.	73.	68.	100.	93.
9 39 28	171.	155.	110.	130.	113.	114.	LOW	117.	101.	71.	63.	95.	89.
9 47 6	167.	151.	115.	129.	113.	114.	LOW	117.	101.	71.	63.	95.	89.
9 47 11	166.	156.	117.	134.	113.	114.	LOW	113.	104.	70.	65.	100.	94.
9 47 16	158.	148.	112.	130.	113.	113.	LOW	110.	105.	64.	60.	95.	84.
9 48 25	160.	143.	112.	136.	114.	110.	LOW	106.	103.	61.	57.	95.	84.
9 48 30	164.	146.	115.	134.	114.	110.	LOW	103.	102.	61.	59.	90.	83.
9 48 35	165.	148.	118.	133.	116.	111.	LOW	98.	97.	61.	59.	90.	83.
10 0 22	159.	145.	114.	134.	112.	109.	LOW	98.	97.	61.	59.	90.	83.
10 0 27	158.	149.	109.	128.	111.	111.	LOW	86.	92.	52.	50.	95.	86.
10 0 32	159.	147.	109.	120.	111.	110.	LOW	85.	91.	54.	53.	90.	79.
10 0 37	174.	163.	114.	134.	111.	108.	LOW	83.	89.	53.	48.	83.	78.

TIME H/M/S	SP TEMP HYD/OIL INLET JTL PUMP	SP TEMP HYD OIL INLET PRIMRY PUMP	EC 94 TEMP FWD EQUIP AFT CHECK L/H	EC 95 TEMP FWD EQUIP AFT CHECK L/H	EC 96 TEMP FWD EQUIP AFT CHECK R/H	EC 97 TEMP AFT EQUIP AFT CHECK R/H	EC 68 D3-P PROCES	EC 69 LO VOLT PPS UP	EC 70 ELEC PROC UT	EC 71 XMR HEATX IN	EC 72 XMR HEATX OUT	EC 73 CADC	EC 74 MAX COMP UNIT
10 0 42	172.	158.	115.	131.	111.	106.	-OM	83.	89.	52.	46.	80.	76.
10 0 47	171.	160.	112.	128.	111.	106.	LOM	88.	94.	57.	50.	94.	84.
10 0 52	170.	148.	114.	132.	111.	107.	LOM	86.	92.	53.	52.	85.	79.
10 0 57	173.	155.	116.	130.	111.	106.	LOM	85.	84.	55.	53.	80.	82.
10 1 2	166.	148.	116.	133.	111.	107.	LOM	88.	87.	53.	51.	80.	77.
10 1 12	160.	141.	113.	137.	111.	107.	LOM	92.	92.	51.	48.	85.	71.
10 1 17	162.	145.	113.	135.	110.	108.	LOM	90.	91.	51.	51.	87.	75.
10 1 22	154.	141.	112.	126.	110.	107.	LOM	90.	91.	48.	48.	82.	72.
10 1 27	157.	145.	114.	131.	110.	108.	LOM	90.	91.	48.	48.	83.	73.
10 1 32	155.	142.	112.	130.	110.	108.	LOM	95.	95.	48.	51.	85.	75.
10 1 37	153.	139.	111.	131.	110.	108.	LOM	95.	95.	52.	54.	88.	78.
10 1 42	150.	144.	112.	132.	110.	108.	LOM	90.	91.	49.	48.	83.	72.
10 1 47	164.	152.	113.	129.	110.	108.	LOM	87.	92.	50.	52.	80.	78.
10 1 52	158.	141.	114.	137.	112.	109.	LOM	90.	92.	50.	48.	82.	75.
10 1 57	171.	160.	115.	137.	110.	107.	LOM	91.	92.	51.	48.	84.	74.
10 2 2	168.	157.	111.	127.	110.	106.	LOM	84.	93.	52.	52.	93.	84.
10 2 7	160.	145.	108.	129.	112.	107.	LOM	91.	101.	61.	54.	92.	85.
10 2 13	159.	143.	109.	126.	111.	107.	LOM	92.	102.	60.	58.	97.	87.
10 2 18	152.	145.	106.	127.	112.	109.	LOM	95.	99.	61.	53.	96.	86.
10 2 23	154.	148.	108.	131.	111.	108.	LOM	93.	96.	57.	58.	91.	88.
10 2 33	161.	149.	113.	134.	112.	109.	LOM	84.	95.	59.	57.	97.	90.
10 2 38	164.	152.	114.	130.	112.	108.	LOM	90.	97.	57.	56.	95.	86.
10 2 43	165.	150.	112.	129.	109.	107.	LOM	82.	86.	48.	45.	82.	78.
10 2 48	159.	144.	108.	126.	112.	107.	LOM	86.	92.	51.	51.	90.	79.
10 2 53	161.	146.	104.	125.	111.	101.	LOM	93.	101.	62.	56.	94.	85.
10 2 58	164.	152.	108.	125.	111.	101.	LOM	92.	101.	68.	57.	96.	85.
10 3 3	160.	145.	108.	120.	108.	107.	LOM	91.	101.	58.	58.	96.	85.
10 3 8	156.	139.	108.	130.	110.	107.	LOM	92.	98.	57.	53.	93.	82.
10 3 13	160.	143.	111.	131.	112.	109.	LOM	93.	97.	60.	53.	92.	80.
10 3 18	169.	152.	115.	128.	111.	107.	LOM	86.	90.	52.	49.	83.	77.
10 3 23	168.	146.	112.	131.	108.	108.	LOM	87.	95.	58.	56.	86.	86.
10 3 28	158.	141.	110.	137.	112.	108.	LOM	86.	93.	55.	52.	89.	80.
10 3 33	155.	139.	110.	136.	111.	108.	LOM	86.	89.	50.	46.	82.	74.
10 3 38	155.	138.	108.	131.	112.	107.	LOM	86.	90.	50.	45.	83.	72.
10 3 43	163.	149.	110.	127.	111.	107.	LOM	91.	96.	58.	53.	88.	79.
10 3 53	147.	139.	105.	125.	112.	106.	LOM	87.	94.	57.	53.	91.	81.
10 3 58	155.	144.	108.	127.	112.	107.	LOM	85.	90.	56.	57.	98.	88.
10 4 3	157.	148.	111.	127.	112.	106.	LOM	81.	93.	57.	56.	95.	86.
10 4 8	161.	148.	111.	128.	112.	107.	LOM	82.	88.	47.	48.	85.	77.
10 4 8	167.	151.	114.	123.	109.	110.	LOM	84.	91.	51.	50.	87.	78.
10 4 8							-OM				50.	86.	78.

C. COMMUTATOR

TIME H/M/S	EC 75 MAST FREQ GN	EC 76 INER REF UNT	EC 80 TRANS SYNC	EC 81 R/M TFR COMP	EC 82 STU EX AIR	EC 83 DUPP ELEC UT	EC 84 GNC	EC 85 CONVER BOIT	EC 86 MUC	EC 87 SPARE	EC 88 STU IN AMB A	EC 89 ARS POM SUPP	EC 90 CONVER TOP
0 57 9	120.	122.	124.	125.	119.	123.	119.	115.	125.	LOW	117.	121.	119.
0 57 14	119.	121.	122.	124.	119.	121.	112.	116.	127.	LOW	118.	121.	119.
0 57 19	115.	123.	120.	123.	120.	120.	125.	116.	114.	LOW	119.	117.	119.
0 57 24	117.	123.	120.	123.	119.	120.	116.	117.	120.	LOW	118.	120.	119.
0 57 29	119.	121.	116.	123.	116.	124.	125.	116.	120.	LOW	118.	121.	119.
0 57 34	116.	121.	118.	123.	116.	122.	110.	116.	123.	LOW	118.	121.	119.
0 57 39	118.	121.	123.	115.	116.	123.	135.	117.	121.	LOW	119.	121.	119.
0 57 44	119.	122.	117.	121.	116.	125.	132.	117.	121.	LOW	117.	120.	118.
0 57 49	120.	123.	118.	122.	120.	121.	130.	117.	119.	LOW	118.	122.	120.
0 57 54	118.	123.	119.	123.	120.	121.	132.	117.	120.	LOW	119.	123.	121.
0 57 59	119.	123.	121.	123.	122.	120.	136.	121.	121.	LOW	118.	121.	121.
0 58 4	118.	123.	121.	123.	122.	120.	135.	121.	122.	LOW	119.	118.	119.
0 58 9	118.	123.	121.	123.	122.	120.	134.	118.	123.	LOW	119.	118.	119.
0 58 14	117.	123.	121.	120.	119.	123.	114.	118.	123.	LOW	124.	123.	117.
0 58 19	121.	123.	121.	120.	119.	124.	112.	118.	119.	LOW	123.	123.	117.
0 58 24	120.	122.	118.	121.	119.	124.	125.	119.	122.	LOW	123.	123.	117.
0 58 29	118.	123.	119.	120.	119.	124.	115.	118.	124.	LOW	121.	123.	117.
0 58 34	110.	122.	118.	121.	120.	124.	125.	121.	121.	LOW	121.	123.	118.
0 58 39	121.	123.	116.	122.	120.	119.	125.	119.	120.	LOW	121.	122.	117.
0 58 44	120.	123.	119.	122.	121.	120.	125.	118.	118.	LOW	121.	121.	121.
0 58 49	119.	122.	119.	123.	121.	121.	130.	118.	121.	LOW	119.	119.	120.
0 58 54	119.	122.	120.	123.	120.	120.	129.	117.	122.	LOW	120.	120.	121.
0 59 0	120.	123.	119.	123.	121.	121.	122.	119.	117.	LOW	119.	119.	121.
0 59 5	119.	123.	117.	123.	121.	118.	121.	118.	121.	LOW	119.	119.	119.
0 59 10	119.	122.	118.	123.	123.	118.	125.	118.	121.	LOW	120.	119.	119.
0 59 15	119.	122.	119.	123.	123.	118.	133.	120.	122.	LOW	118.	118.	119.
0 59 20	120.	122.	119.	123.	123.	119.	131.	121.	122.	LOW	121.	119.	117.
0 59 25	118.	122.	118.	122.	123.	119.	132.	120.	118.	LOW	121.	119.	117.
0 59 30	117.	123.	119.	122.	120.	120.	131.	121.	119.	LOW	120.	117.	119.
0 59 35	120.	125.	118.	122.	120.	119.	119.	118.	120.	LOW	118.	118.	119.
0 59 40	123.	126.	119.	123.	121.	121.	119.	118.	123.	LOW	119.	121.	123.
0 59 45	120.	122.	118.	121.	121.	120.	113.	117.	121.	LOW	119.	122.	121.
0 59 50	121.	126.	119.	121.	123.	121.	121.	120.	122.	LOW	121.	121.	120.
0 59 55	119.	122.	121.	122.	122.	120.	120.	119.	122.	LOW	121.	121.	121.
0 59 0	120.	123.	121.	123.	121.	121.	121.	118.	121.	LOW	119.	119.	121.
0 59 5	119.	123.	117.	123.	121.	118.	125.	118.	121.	LOW	120.	119.	119.
0 59 10	119.	123.	118.	123.	123.	118.	133.	120.	122.	LOW	118.	118.	119.
0 59 15	120.	122.	119.	123.	123.	119.	131.	121.	122.	LOW	121.	119.	117.
0 59 20	118.	122.	118.	122.	123.	119.	132.	120.	118.	LOW	121.	119.	117.
0 59 25	117.	123.	119.	122.	120.	120.	131.	121.	119.	LOW	120.	117.	119.
0 59 30	120.	125.	118.	122.	120.	119.	119.	118.	120.	LOW	118.	118.	119.
0 59 35	123.	126.	119.	123.	121.	121.	119.	118.	123.	LOW	119.	121.	123.
0 59 40	120.	122.	118.	121.	121.	120.	113.	117.	121.	LOW	119.	122.	121.
0 59 45	121.	126.	119.	121.	123.	121.	121.	120.	122.	LOW	121.	121.	120.
0 59 50	118.	122.	121.	122.	122.	120.	120.	120.	124.	LOW	122.	115.	118.
0 59 55	121.	127.	121.	123.	123.	123.	120.	121.	119.	LOW	122.	121.	117.
0 59 0	121.	127.	121.	123.	123.	123.	120.	121.	119.	LOW	122.	121.	117.
0 59 5	117.	121.	121.	121.	121.	116.	117.	118.	121.	LOW	121.	121.	118.
0 59 10	121.	121.	121.	121.	121.	116.	120.	119.	116.	LOW	121.	121.	121.
0 59 15	119.	121.	121.	121.	121.	116.	122.	116.	120.	LOW	122.	120.	121.
0 59 20	122.	127.	120.	120.	122.	120.	122.	116.	120.	LOW	123.	120.	120.
0 59 25	123.	127.	120.	121.	119.	120.	116.	118.	121.	LOW	123.	120.	120.
0 59 30	121.	127.	121.	121.	119.	119.	119.	119.	121.	LOW	121.	122.	117.
0 59 35	121.	127.	121.	121.	119.	119.	119.	118.	121.	LOW	121.	121.	117.
0 59 40	121.	127.	121.	121.	119.	119.	117.	118.	121.	LOW	121.	121.	118.
0 59 45	117.	121.	121.	121.	121.	116.	120.	119.	116.	LOW	121.	121.	121.

TIME W/M/S	EC 75 MAST FREQ SN	EC 76 INER REF UNT	EC 80 TRANS SYNC	EC 81 R/H TFR COMP	EC 82 STU EX AIR	EC 83 DOPP ELEC UT	EC 84 GNC	EC 85 CONVER BOIT	EC 86 WOC	EC 87 SPARE	EC 88 STU IN AMB A	EC 89 AKS PSM SUPP	EC 90 CONVER TOP
9 51 48	115.	120.	120.	121.	118.	116.	126.	118.	118.	LOW	120.	122.	119.
9 51 53	122.	123.	118.	123.	120.	114.	119.	116.	121.	LOW	118.	120.	119.
9 51 58	119.	121.	117.	123.	125.	117.	125.	117.	118.	LOW	119.	119.	118.
9 52 4	119.	121.	116.	121.	125.	113.	125.	118.	112.	LOW	121.	119.	117.
9 52 9	119.	122.	117.	119.	121.	113.	121.	119.	113.	LOW	121.	118.	116.
9 52 14	119.	121.	116.	121.	116.	112.	125.	117.	108.	LOW	118.	121.	117.
9 52 19	120.	122.	116.	121.	118.	104.	123.	118.	110.	LOW	119.	120.	116.
9 52 24	116.	120.	114.	120.	117.	106.	121.	120.	108.	LOW	122.	118.	116.
9 52 29	116.	119.	116.	121.	116.	118.	119.	118.	113.	LOW	119.	118.	115.
9 52 34	112.	115.	113.	121.	115.	105.	110.	118.	111.	LOW	117.	119.	117.
9 52 39	117.	120.	113.	120.	117.	106.	108.	118.	113.	LOW	118.	118.	116.
9 52 44	114.	117.	113.	119.	118.	106.	117.	119.	110.	LOW	121.	119.	116.
9 52 49	114.	116.	114.	119.	118.	107.	114.	118.	115.	LOW	119.	119.	115.
9 52 54	114.	117.	115.	117.	113.	110.	113.	116.	118.	LOW	117.	119.	114.
9 52 59	117.	119.	116.	116.	118.	118.	120.	116.	118.	LOW	117.	119.	113.
9 53 4	105.	116.	114.	121.	115.	108.	111.	117.	111.	LOW	116.	121.	114.
9 53 9	111.	118.	114.	121.	115.	116.	114.	117.	115.	LOW	116.	121.	115.
9 53 14	121.	122.	112.	122.	116.	107.	117.	117.	118.	LOW	116.	120.	116.
9 53 19	118.	119.	113.	121.	116.	108.	122.	116.	115.	LOW	112.	120.	115.
9 53 29	114.	116.	115.	122.	116.	108.	116.	114.	117.	LOW	105.	120.	114.
9 53 34	117.	118.	113.	122.	115.	108.	118.	115.	115.	LOW	109.	120.	114.
9 53 39	121.	122.	110.	122.	116.	106.	116.	117.	118.	LOW	117.	119.	105.
9 53 39	118.	120.	111.	122.	116.	100.	117.	117.	114.	LOW	116.	119.	111.
9 53 44	112.	113.	114.	121.	114.	107.	113.	115.	116.	LOW	111.	116.	114.
9 53 49	112.	113.	113.	122.	115.	107.	111.	116.	116.	LOW	113.	117.	113.
9 54 12	111.	115.	112.	118.	116.	107.	114.	116.	117.	LOW	116.	120.	113.
9 54 9	113.	114.	112.	118.	118.	106.	121.	116.	116.	LOW	116.	120.	112.
9 54 9	115.	115.	112.	117.	118.	106.	120.	117.	114.	LOW	117.	118.	111.
9 54 14	119.	117.	110.	118.	117.	105.	116.	118.	111.	LOW	118.	119.	111.
9 54 19	120.	119.	111.	118.	116.	105.	116.	117.	113.	LOW	117.	118.	112.
9 54 24	110.	112.	110.	119.	114.	105.	106.	115.	112.	LOW	117.	119.	112.
9 54 29	115.	116.	108.	119.	114.	102.	113.	116.	112.	LOW	114.	119.	113.
9 54 34	117.	117.	108.	122.	111.	103.	127.	116.	110.	LOW	114.	116.	113.
9 54 40	114.	115.	108.	121.	108.	103.	122.	116.	108.	LOW	114.	117.	114.
9 54 45	114.	110.	108.	121.	116.	100.	116.	116.	111.	LOW	113.	116.	114.
9 54 50	116.	113.	107.	119.	116.	118.	118.	116.	110.	LOW	114.	116.	114.
9 54 55	117.	116.	105.	120.	115.	99.	119.	117.	110.	LOW	116.	116.	113.
9 55 0	116.	115.	107.	120.	114.	101.	120.	116.	108.	LOW	116.	116.	112.
9 55 5	112.	112.	110.	120.	113.	103.	120.	114.	114.	LOW	112.	116.	111.
9 55 10	112.	112.	109.	119.	112.	103.	113.	110.	112.	LOW	113.	117.	112.
9 55 15	116.	117.	109.	119.	115.	105.	127.	115.	110.	LOW	112.	117.	110.
9 55 20	115.	115.	109.	118.	113.	105.	125.	115.	110.	LOW	112.	115.	111.
9 55 25	108.	112.	108.	119.	112.	108.	123.	114.	106.	LOW	111.	117.	111.
9 55 30	114.	115.	107.	120.	112.	99.	114.	115.	118.	LOW	112.	117.	112.
9 55 35	112.	112.	105.	122.	110.	99.	127.	117.	109.	LOW	114.	113.	105.
9 55 40	116.	114.	105.	120.	113.	99.	119.	117.	109.	LOW	114.	114.	107.
9 55 45	114.	112.	106.	120.	111.	99.	110.	112.	110.	LOW	113.	115.	110.
9 55 50	115.	113.	106.	119.	111.	99.	109.	112.	113.	LOW	109.	115.	111.

TIME M/N/S	EC 75 NAST FREQ GN	EC 76 INER REF UNT	EC 80 TRANS SYNC	EC 81 R/H TFR COMP	EC 82 STU EX AIR	EC 83 DOPP ELEC JT	EC 84 GNC	EC 85 CONVER BOIT	EC 86 WDC	EC 87 SPARE	EC 88 STU IN AMB	EC 89 ARS POM SUPP	EC 90 CONVER TOP
9 15 55	116.	112.	105.	119.	112.	97.	112.	114.	110.	LOW	113.	116.	113.
9 16 5	116.	113.	100.	117.	111.	99.	115.	116.	105.	LOW	114.	116.	113.
9 16 10	115.	114.	107.	117.	110.	103.	112.	114.	116.	LOW	114.	117.	108.
9 16 15	112.	112.	106.	116.	113.	101.	116.	116.	111.	LOW	115.	116.	109.
9 16 20	113.	113.	106.	117.	114.	98.	110.	117.	111.	LOW	116.	116.	110.
9 16 25	115.	112.	103.	118.	110.	103.	107.	115.	112.	LOW	116.	116.	109.
9 16 35	115.	111.	103.	117.	111.	100.	117.	113.	108.	LOW	114.	117.	108.
9 16 40	116.	108.	105.	119.	110.	95.	126.	112.	108.	LOW	113.	116.	108.
9 16 45	113.	110.	104.	116.	111.	98.	121.	114.	105.	LOW	113.	116.	109.
9 16 50	114.	110.	102.	117.	115.	99.	114.	115.	114.	LOW	115.	115.	107.
9 16 55	112.	109.	102.	118.	112.	98.	115.	110.	115.	LOW	115.	112.	110.
9 17 0	114.	110.	106.	115.	112.	98.	108.	115.	112.	LOW	116.	115.	108.
9 17 5	111.	110.	97.	117.	111.	98.	108.	114.	110.	LOW	115.	114.	109.
9 17 10	112.	109.	99.	114.	111.	100.	118.	113.	107.	LOW	115.	116.	108.
9 17 16	114.	108.	103.	116.	111.	100.	120.	113.	109.	LOW	114.	116.	106.
9 17 21	113.	108.	102.	117.	108.	99.	105.	111.	108.	LOW	114.	115.	109.
9 17 26	113.	107.	103.	116.	103.	98.	107.	108.	106.	LOW	115.	113.	110.
9 17 31	113.	109.	102.	116.	114.	97.	112.	114.	114.	LOW	116.	113.	108.
9 17 36	110.	106.	103.	116.	113.	97.	109.	115.	109.	LOW	116.	112.	108.
9 17 41	112.	106.	101.	119.	109.	99.	116.	113.	111.	LOW	114.	116.	106.
9 17 46	112.	100.	102.	112.	111.	98.	115.	113.	109.	LOW	114.	114.	107.
9 17 51	112.	100.	102.	115.	108.	98.	101.	115.	110.	LOW	116.	115.	106.
9 17 56	110.	106.	98.	117.	110.	97.	105.	112.	108.	LOW	115.	116.	108.
9 18 1	111.	107.	99.	116.	110.	96.	114.	112.	113.	LOW	115.	112.	110.
9 18 6	108.	103.	101.	114.	113.	97.	116.	114.	105.	LOW	115.	111.	110.
9 18 11	111.	106.	101.	114.	109.	97.	107.	114.	110.	LOW	115.	114.	107.
9 18 16	112.	103.	102.	117.	107.	97.	114.	110.	112.	LOW	114.	114.	108.
9 18 21	109.	104.	95.	116.	107.	97.	113.	110.	112.	LOW	113.	114.	108.
9 18 26	109.	104.	96.	117.	110.	95.	118.	113.	103.	LOW	112.	112.	110.
9 18 31	110.	105.	101.	117.	110.	94.	115.	113.	106.	LOW	114.	105.	110.
9 18 41	111.	105.	98.	114.	108.	94.	110.	114.	111.	LOW	114.	108.	110.
9 18 46	113.	107.	101.	114.	103.	96.	107.	113.	111.	LOW	115.	112.	118.
9 18 51	110.	106.	98.	115.	105.	97.	108.	110.	105.	LOW	113.	113.	109.
9 18 56	109.	106.	99.	117.	107.	97.	106.	112.	107.	LOW	114.	114.	104.
9 19 1	111.	106.	98.	113.	104.	36.	114.	114.	111.	LOW	115.	113.	107.
9 19 11	110.	106.	95.	115.	110.	93.	115.	112.	111.	LOW	115.	113.	106.
9 19 16	112.	108.	95.	114.	109.	90.	114.	114.	99.	LOW	114.	107.	108.
9 19 21	106.	105.	99.	110.	103.	95.	108.	114.	109.	LOW	114.	118.	95.
9 19 26	110.	105.	95.	112.	109.	95.	107.	114.	112.	LOW	115.	118.	99.
9 19 31	108.	104.	95.	115.	107.	95.	115.	110.	111.	LOW	116.	111.	107.
9 19 36	110.	106.	95.	116.	108.	94.	121.	111.	107.	LOW	113.	111.	109.
9 19 41	111.	106.	96.	114.	108.	94.	119.	116.	107.	LOW	113.	111.	108.
9 19 46	112.	107.	93.	116.	105.	94.	115.	113.	105.	LOW	116.	108.	108.
9 19 51	113.	107.	95.	115.	107.	91.	119.	114.	95.	LOW	111.	110.	107.
9 19 57	111.	105.	95.	115.	105.	93.	112.	113.	102.	LOW	115.	110.	105.
							120.	111.	106.	LOW	111.	110.	110.

TIME
M/M/S

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EC 75	EC 76	EC 80	EC 81	EC 82	EC 83	EC 84	EC 85	EC 86	EC 87	EC 88	EC 89	EC 90
HST FREQ GN	INER REF UNT	TRANS SYNC	R/M TFR COMP	STU EX AIR	DOPP ELEG UT	GNC	CONVER BOIT	NDC	SPARE	STU IN AMB A	ARS POM SUPP	CONVER TOP
9 20 2	109.	104.	94.	114.	106.	112.	112.	108.	LOM	114.	109.	109.
9 20 7	113.	106.	95.	116.	105.	110.	110.	111.	LOM	112.	108.	110.
9 20 12	111.	104.	94.	114.	105.	112.	112.	106.	LOM	113.	107.	108.
9 20 17	106.	103.	97.	112.	108.	116.	117.	99.	LOM	114.	107.	106.
9 20 22	108.	104.	97.	112.	108.	113.	115.	103.	LOM	114.	109.	106.
9 20 27	114.	105.	94.	114.	105.	115.	115.	101.	LOM	111.	109.	105.
9 20 32	113.	105.	94.	113.	107.	113.	112.	104.	LOM	111.	108.	107.
9 20 37	108.	105.	98.	113.	95.	97.	112.	105.	LOM	114.	107.	109.
9 20 42	118.	104.	95.	113.	100.	106.	111.	104.	LOM	112.	107.	109.
9 20 47	110.	105.	95.	111.	108.	104.	114.	110.	LOM	114.	108.	106.
9 20 52	108.	105.	95.	112.	107.	105.	113.	102.	LOM	109.	109.	108.
9 20 57	108.	106.	95.	112.	105.	113.	105.	108.	LOM	112.	108.	106.
9 21 2	106.	103.	93.	113.	105.	111.	105.	108.	LOM	109.	107.	108.
9 21 7	110.	108.	96.	114.	105.	112.	112.	112.	LOM	112.	108.	105.
9 21 17	109.	106.	95.	112.	104.	104.	110.	110.	LOM	114.	105.	107.
9 21 17	112.	108.	93.	112.	106.	106.	110.	109.	LOM	114.	105.	107.
9 21 22	109.	107.	95.	105.	105.	112.	111.	112.	LOM	114.	105.	107.
9 21 27	109.	105.	95.	105.	103.	110.	110.	112.	LOM	114.	105.	107.
9 21 32	109.	106.	95.	108.	104.	110.	111.	109.	LOM	114.	105.	107.
9 21 37	112.	106.	91.	113.	105.	116.	111.	105.	LOM	114.	105.	107.
9 21 47	109.	108.	93.	113.	105.	116.	111.	105.	LOM	114.	105.	107.
9 21 52	109.	107.	90.	112.	105.	115.	113.	101.	LOM	114.	105.	107.
9 21 57	109.	106.	87.	115.	102.	115.	113.	107.	LOM	114.	105.	107.
9 22 2	109.	106.	88.	114.	104.	106.	112.	104.	LOM	114.	105.	107.
9 22 2	111.	106.	91.	112.	102.	115.	113.	105.	LOM	114.	105.	107.
9 22 7	109.	107.	91.	112.	105.	108.	113.	107.	LOM	114.	105.	107.
9 22 12	110.	107.	93.	110.	103.	118.	113.	103.	LOM	112.	108.	107.
9 22 17	112.	109.	91.	110.	105.	112.	112.	103.	LOM	112.	108.	107.
9 22 22	112.	109.	91.	111.	105.	112.	112.	103.	LOM	112.	108.	107.
9 22 35	112.	108.	91.	113.	104.	104.	110.	108.	LOM	112.	108.	107.
9 22 38	111.	107.	92.	111.	104.	106.	110.	109.	LOM	112.	108.	107.
9 22 43	109.	105.	90.	112.	96.	106.	111.	105.	LOM	110.	105.	118.
9 22 48	108.	106.	90.	112.	105.	106.	111.	105.	LOM	110.	105.	118.
9 22 53	110.	107.	91.	110.	104.	116.	110.	106.	LOM	110.	107.	106.
9 23 3	109.	107.	91.	110.	105.	110.	112.	110.	LOM	111.	105.	106.
9 23 8	107.	106.	91.	108.	105.	105.	113.	107.	LOM	112.	106.	106.
9 23 13	101.	106.	92.	109.	105.	102.	113.	107.	LOM	112.	102.	106.
9 23 18	108.	107.	90.	111.	107.	123.	114.	107.	LOM	111.	101.	110.
9 23 23	109.	105.	90.	111.	106.	115.	112.	107.	LOM	110.	102.	110.
9 23 28	109.	105.	91.	114.	105.	114.	112.	107.	LOM	110.	102.	110.
9 23 33	110.	106.	90.	113.	104.	113.	111.	101.	LOM	110.	103.	110.
9 23 38	109.	105.	90.	113.	105.	110.	110.	106.	LOM	108.	103.	110.
9 23 43	106.	105.	89.	111.	103.	108.	111.	106.	LOM	108.	103.	110.
9 23 48	106.	105.	89.	110.	101.	116.	112.	109.	LOM	110.	101.	109.
9 23 53	110.	105.	88.	112.	104.	118.	112.	112.	LOM	110.	101.	109.
9 24 3	109.	105.	89.	108.	105.	112.	112.	111.	LOM	108.	103.	109.
9 24 8	109.	105.	89.	109.	105.	112.	112.	108.	LOM	110.	101.	109.
9 24 13	109.	105.	89.	109.	105.	112.	112.	108.	LOM	110.	101.	109.
9 24 18	109.	105.	89.	109.	105.	112.	112.	108.	LOM	110.	101.	109.
9 24 23	109.	105.	89.	109.	105.	112.	112.	108.	LOM	110.	101.	109.
9 24 28	109.	105.	89.	109.	105.	112.	112.	108.	LOM	110.	101.	109.
9 24 33	109.	105.	89.	109.	105.	112.	112.	108.	LOM	110.	101.	109.
9 24 38	109.	105.	89.	109.	105.	112.	112.	108.	LOM	110.	101.	109.
9 24 43	109.	105.	89.	109.	105.	112.	112.	108.	LOM	110.	101.	109.
9 24 48	109.	105.	89.	109.	105.	112.	112.	108.	LOM	110.	101.	109.
9 24 53	109.	105.	89.	109.	105.	112.	112.	108.	LOM	110.	101.	109.
9 24 58	109.	105.	89.	109.	105.	112.	112.	108.	LOM	110.	101.	109.
9 25 3	109.	105.	89.	109.	105.	112.	112.	108.	LOM	110.	101.	109.

TIME H/M/S	EC 75 MAST FREQ GN	EC 76 INNER REF UNIT	EC 80 TRANS SYNC	EC 81 W/M TFR COMP	EC 82 STU CA AIR	EC 83 DOPP ELEC UT	EC 84 GVD	EC 85 CONVER BOTT	EC 86 MOC	EC 87 SPACE	EC 88 STU IN AMB A	EC 89 ARS POM SUPP	EC 90 CONVER TOP
9 24 8	106.	106.	88.	108.	106.	87.	106.	112.	105.	LOM	113.	103.	106.
9 24 13	106.	105.	90.	108.	106.	89.	106.	111.	104.	LOM	111.	104.	107.
9 24 23	105.	101.	88.	105.	105.	84.	117.	112.	108.	LOM	108.	105.	105.
9 24 23	108.	108.	88.	108.	104.	86.	112.	108.	110.	LOM	109.	105.	107.
9 28 16	108.	106.	82.	107.	105.	86.	119.	112.	99.	LOM	108.	97.	105.
9 28 21	107.	104.	82.	101.	105.	85.	116.	112.	108.	LOM	108.	98.	106.
9 28 34	105.	103.	85.	103.	95.	89.	108.	110.	105.	LOM	108.	98.	108.
9 28 31	103.	101.	85.	103.	101.	87.	109.	112.	107.	LOM	108.	97.	108.
9 28 36	100.	108.	82.	105.	106.	84.	116.	112.	108.	LOM	108.	96.	108.
9 28 41	106.	105.	83.	105.	104.	85.	115.	111.	107.	LOM	107.	95.	107.
9 28 46	106.	107.	82.	103.	104.	89.	100.	112.	114.	LOM	107.	95.	107.
9 28 56	104.	104.	82.	103.	105.	86.	103.	112.	112.	LOM	109.	95.	107.
9 29 1	105.	103.	82.	105.	103.	84.	128.	110.	106.	LOM	106.	94.	110.
9 29 6	104.	102.	84.	104.	103.	86.	121.	118.	110.	LOM	108.	93.	108.
9 29 11	106.	109.	83.	97.	103.	85.	115.	106.	99.	LOM	108.	90.	108.
9 29 16	111.	111.	82.	99.	103.	84.	115.	109.	101.	LOM	108.	90.	107.
9 29 16	112.	110.	82.	102.	102.	85.	118.	110.	108.	LOM	105.	96.	108.
9 29 21	108.	103.	81.	102.	101.	84.	116.	112.	108.	LOM	107.	94.	108.
9 29 26	113.	110.	82.	101.	103.	86.	108.	110.	108.	LOM	108.	94.	108.
9 29 31	113.	110.	81.	102.	100.	84.	106.	109.	107.	LOM	108.	94.	108.
9 29 36	110.	105.	82.	100.	102.	85.	110.	111.	109.	LOM	108.	95.	106.
9 29 41	107.	103.	81.	102.	101.	86.	119.	110.	106.	LOM	107.	90.	107.
9 29 47	109.	105.	82.	103.	103.	87.	125.	111.	108.	LOM	108.	98.	106.
9 29 52	103.	101.	82.	101.	103.	85.	120.	113.	104.	LOM	107.	94.	108.
9 29 52	103.	97.	83.	105.	103.	86.	114.	111.	108.	LOM	107.	94.	110.
9 30 2	105.	101.	83.	102.	103.	86.	115.	111.	108.	LOM	106.	94.	107.
9 30 7	102.	102.	82.	101.	105.	80.	108.	113.	108.	LOM	108.	93.	106.
9 30 12	105.	105.	81.	102.	104.	82.	120.	111.	106.	LOM	108.	92.	107.
9 30 17	108.	107.	82.	98.	105.	84.	101.	111.	113.	LOM	108.	98.	108.
9 30 22	107.	105.	81.	93.	103.	84.	105.	108.	112.	LOM	108.	94.	109.
9 30 27	103.	101.	84.	99.	105.	86.	128.	112.	110.	LOM	105.	94.	107.
9 30 32	102.	99.	83.	100.	104.	86.	127.	111.	105.	LOM	105.	94.	107.
9 30 37	108.	105.	78.	101.	103.	78.	116.	112.	106.	LOM	106.	91.	108.
9 30 42	105.	102.	81.	100.	103.	82.	110.	111.	108.	LOM	105.	92.	108.
9 30 47	107.	104.	84.	98.	103.	84.	110.	95.	108.	LOM	103.	95.	108.
9 30 52	109.	105.	82.	93.	102.	84.	120.	102.	106.	LOM	108.	94.	108.
9 30 57	101.	97.	81.	97.	104.	84.	116.	114.	97.	LOM	108.	91.	107.
9 31 2	102.	99.	81.	98.	105.	84.	112.	112.	101.	LOM	108.	91.	107.
9 31 7	102.	97.	82.	101.	106.	84.	107.	110.	102.	LOM	108.	91.	108.
9 31 12	100.	98.	81.	101.	105.	84.	106.	111.	107.	LOM	105.	92.	108.
9 31 17	99.	97.	81.	100.	104.	84.	119.	111.	106.	LOM	107.	93.	105.
9 31 22	105.	102.	81.	100.	103.	84.	113.	110.	107.	LOM	108.	93.	106.
9 31 32	109.	108.	80.	97.	95.	82.	127.	112.	105.	LOM	106.	90.	107.
9 31 37	109.	106.	79.	98.	105.	83.	114.	112.	107.	LOM	108.	91.	107.
9 31 42	107.	105.	78.	98.	105.	84.	116.	111.	103.	LOM	108.	91.	107.
9 31 47	107.	105.	78.	98.	105.	82.	111.	111.	104.	LOM	108.	88.	108.
9 31 52	97.	97.	82.	98.	105.	84.	120.	111.	114.	LOM	107.	92.	107.
9 31 57	99.	97.	82.	99.	103.	85.	123.	111.	109.	LOM	105.	93.	108.
9 31 57	103.	99.	79.	101.	103.	83.	112.	110.	106.	LOM	102.	90.	110.

TIME H/M/S	EC 75 MAST FREQ GN	EC 76 INER REF UNIT	EC 80 TRANS SYNC	EC 81 R/W TFR COMP	EC 82 STU EX AIR	EC 83 DOPP ELEC UT	EC 84 GNC	EC 85 CONVER BOIT	EC 86 MDC	EC 87 SPARE	EC 88 STU IN AMB A	EC 89 ARS POM SUPP	EC 90 CONVER TOP
9 32 2	101.	100.	79.	100.	102.	82.	109.	111.	109.	LOW	104.	90.	108.
9 32 7	108.	108.	79.	97.	104.	81.	108.	112.	98.	LOW	103.	90.	105.
9 32 12	109.	107.	79.	97.	104.	82.	110.	111.	100.	LOW	104.	90.	106.
9 32 17	113.	108.	80.	99.	101.	84.	114.	110.	105.	LOW	101.	89.	107.
9 32 22	110.	108.	79.	98.	102.	83.	112.	111.	103.	LOW	103.	91.	105.
9 32 28	110.	109.	81.	97.	103.	84.	108.	112.	108.	LOW	100.	92.	105.
9 32 33	106.	107.	80.	98.	102.	84.	113.	109.	106.	LOW	100.	88.	106.
9 32 38	110.	104.	80.	99.	102.	82.	120.	111.	103.	LOW	104.	88.	106.
9 32 43	108.	107.	79.	98.	102.	84.	113.	112.	105.	LOW	104.	92.	107.
9 32 48	105.	103.	82.	97.	103.	84.	111.	111.	107.	LOW	104.	92.	107.
9 32 53	103.	105.	83.	95.	103.	79.	110.	111.	106.	LOW	102.	87.	107.
9 32 58	108.	101.	80.	100.	99.	82.	110.	110.	106.	LOW	103.	88.	108.
9 33 3	105.	102.	80.	99.	103.	81.	108.	111.	105.	LOW	101.	91.	106.
9 33 8	103.	105.	82.	96.	101.	84.	112.	110.	105.	LOW	102.	88.	107.
9 33 13	103.	102.	82.	98.	101.	84.	115.	109.	107.	LOW	101.	89.	108.
9 33 18	97.	100.	79.	100.	103.	84.	114.	110.	110.	LOW	101.	90.	108.
9 33 23	99.	96.	79.	100.	103.	84.	114.	110.	112.	LOW	103.	90.	108.
9 33 28	108.	106.	77.	98.	101.	78.	105.	110.	112.	LOW	103.	89.	106.
9 33 33	110.	108.	78.	97.	101.	80.	109.	111.	105.	LOW	102.	88.	105.
9 33 38	110.	108.	79.	97.	100.	82.	104.	109.	111.	LOW	103.	90.	104.
9 33 43	106.	105.	79.	97.	101.	84.	108.	108.	95.	LOW	99.	90.	107.
9 33 48	105.	103.	81.	95.	101.	84.	115.	109.	98.	LOW	100.	91.	106.
9 33 53	103.	100.	78.	97.	101.	81.	112.	108.	102.	LOW	100.	90.	106.
9 34 8	112.	108.	78.	98.	101.	81.	108.	108.	103.	LOW	104.	84.	108.
9 34 13	107.	104.	76.	97.	102.	81.	103.	111.	104.	LOW	103.	86.	106.
9 34 18	101.	100.	78.	97.	103.	80.	115.	112.	108.	LOW	101.	90.	105.
9 34 23	98.	95.	79.	99.	103.	81.	108.	110.	101.	LOW	101.	87.	106.
9 34 28	99.	96.	77.	98.	103.	80.	123.	105.	101.	LOW	99.	87.	107.
9 34 33	102.	100.	79.	99.	103.	82.	114.	108.	106.	LOW	104.	88.	106.
9 34 38	104.	101.	78.	97.	103.	82.	112.	110.	110.	LOW	104.	85.	108.
9 34 43	103.	95.	76.	99.	103.	78.	109.	110.	107.	LOW	105.	88.	107.
9 34 48	105.	100.	79.	98.	103.	79.	109.	112.	102.	LOW	105.	88.	107.
9 34 53	98.	97.	79.	95.	103.	79.	109.	112.	102.	LOW	104.	88.	105.
9 35 8	107.	103.	79.	95.	104.	79.	111.	111.	99.	LOW	103.	88.	106.
9 35 13	104.	100.	78.	96.	103.	80.	115.	111.	105.	LOW	103.	88.	107.
9 35 18	113.	105.	78.	96.	103.	81.	115.	109.	108.	LOW	101.	90.	107.
9 35 23	105.	101.	77.	97.	103.	82.	117.	109.	109.	LOW	101.	91.	105.
9 35 28	105.	101.	77.	97.	103.	82.	117.	109.	114.	LOW	101.	90.	108.
9 35 33	97.	95.	80.	97.	103.	82.	117.	110.	110.	LOW	102.	90.	107.
9 35 38	96.	94.	80.	96.	99.	82.	114.	110.	108.	LOW	103.	90.	107.
9 35 43	101.	101.	79.	95.	103.	83.	106.	109.	108.	LOW	103.	90.	106.
9 35 48	99.	96.	79.	96.	103.	82.	111.	109.	106.	LOW	102.	89.	107.
9 35 53	95.	94.	79.	96.	103.	83.	114.	110.	107.	LOW	103.	87.	108.
9 35 58	95.	93.	73.	95.	102.	82.	117.	110.	105.	LOW	103.	86.	107.
9 36 3	106.	101.	76.	95.	103.	78.	111.	110.	105.	LOW	105.	88.	108.
9 36 8	105.	103.	76.	94.	103.	78.	111.	110.	105.	LOW	105.	87.	108.
9 36 13	112.	107.	74.	95.	103.	81.	122.	109.	108.	LOW	101.	88.	108.
9 36 18	106.	101.	77.	95.	103.	81.	113.	109.	108.	LOW	101.	88.	108.

TIME
M/W/S

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EC 75	EC 76	EC 80	EC 81	EC 82	EC 83	EC 84	EC 85	EC 86	EC 87	EC 88	EC 89	EC 90
HAST FREQ GN	INER REF UNT	TRANS SYNG	R/H TFR COMP	STU EX AIR	DOPP ELEC UT	GND	CONVLO BOTT	M33	SPARE	STJ IN AMB A	ARS POM SUPP	CONVER TOP
9 36 9	103.	78.	93.	105.	62.	105.	110.	108.	LOW	105.	89.	104.
9 36 14	105.	77.	93.	104.	62.	113.	111.	109.	LOW	105.	89.	106.
9 36 19	110.	77.	95.	104.	80.	122.	111.	109.	LOW	103.	85.	109.
9 36 24	105.	77.	95.	104.	81.	118.	108.	110.	LOW	103.	86.	106.
9 36 29	107.	77.	97.	103.	80.	121.	106.	107.	LOW	101.	86.	109.
9 36 34	105.	77.	96.	104.	83.	112.	106.	109.	LOW	102.	87.	108.
9 36 44	111.	76.	93.	103.	80.	126.	108.	110.	LOW	103.	84.	108.
9 36 49	107.	77.	94.	103.	82.	105.	110.	108.	LOW	102.	86.	109.
9 36 54	97.	77.	93.	100.	82.	105.	110.	109.	LOW	105.	88.	108.
9 36 59	99.	78.	94.	101.	82.	107.	110.	105.	LOW	103.	86.	106.
9 37 4	91.	78.	95.	103.	92.	125.	110.	105.	LOW	105.	90.	106.
9 37 9	97.	78.	92.	104.	81.	116.	111.	109.	LOW	105.	88.	106.
9 37 14	105.	76.	94.	101.	80.	120.	111.	109.	LOW	105.	88.	106.
9 37 19	107.	75.	92.	102.	80.	122.	111.	105.	LOW	101.	88.	104.
9 37 24	103.	76.	95.	101.	79.	112.	110.	106.	LOW	102.	85.	108.
9 37 29	99.	77.	94.	102.	80.	108.	110.	108.	LOW	101.	87.	107.
9 37 34	90.	75.	94.	103.	81.	110.	111.	106.	LOW	101.	87.	107.
9 37 39	93.	76.	94.	104.	81.	114.	112.	106.	LOW	105.	86.	118.
9 37 44	95.	74.	95.	101.	81.	114.	112.	108.	LOW	105.	85.	109.
9 37 49	91.	75.	95.	101.	81.	110.	110.	107.	LOW	103.	74.	108.
9 37 54	95.	78.	93.	103.	81.	112.	110.	105.	LOW	104.	85.	118.
9 37 59	95.	76.	93.	101.	80.	111.	111.	104.	LOW	104.	84.	109.
9 38 4	101.	76.	93.	101.	80.	111.	111.	104.	LOW	104.	84.	108.
9 38 9	102.	75.	92.	101.	78.	111.	112.	105.	LOW	104.	84.	108.
9 38 14	97.	75.	92.	102.	79.	107.	110.	107.	LOW	103.	86.	108.
9 38 19	90.	75.	92.	103.	74.	112.	111.	105.	LOW	103.	86.	108.
9 38 24	93.	76.	88.	100.	77.	114.	111.	104.	LOW	104.	86.	108.
9 38 29	105.	77.	93.	96.	79.	123.	109.	109.	LOW	104.	86.	108.
9 38 34	103.	77.	93.	99.	79.	117.	110.	108.	LOW	102.	84.	108.
9 38 39	95.	76.	91.	101.	82.	125.	109.	108.	LOW	103.	83.	109.
9 38 44	92.	75.	93.	98.	81.	121.	110.	108.	LOW	101.	85.	109.
9 38 49	99.	78.	92.	99.	80.	106.	107.	111.	LOW	101.	86.	109.
9 38 54	96.	77.	92.	103.	78.	109.	109.	110.	LOW	97.	86.	110.
9 38 59	95.	77.	93.	101.	78.	112.	109.	106.	LOW	100.	87.	108.
9 39 4	98.	77.	93.	106.	81.	118.	107.	107.	LOW	101.	83.	107.
9 39 9	91.	76.	93.	103.	81.	127.	110.	105.	LOW	101.	83.	107.
9 39 14	95.	76.	92.	102.	79.	121.	110.	105.	LOW	103.	84.	106.
9 39 19	94.	76.	93.	102.	80.	124.	111.	103.	LOW	103.	84.	106.
9 39 24	98.	77.	92.	101.	80.	108.	105.	109.	LOW	101.	83.	105.
9 39 29	90.	75.	92.	99.	81.	117.	107.	108.	LOW	101.	83.	109.
9 47 6	96.	75.	90.	103.	78.	112.	111.	104.	LOW	101.	78.	108.
9 47 11	89.	75.	85.	100.	77.	111.	109.	104.	LOW	102.	84.	109.
9 47 16	94.	66.	85.	100.	74.	113.	108.	105.	LOW	99.	80.	107.
9 48 25	91.	69.	85.	101.	75.	115.	108.	107.	LOW	99.	78.	106.
9 48 30	97.	73.	82.	99.	76.	121.	106.	108.	LOW	97.	77.	107.
9 48 35	96.	70.	84.	99.	76.	117.	108.	109.	LOW	97.	76.	103.
10 0 22	95.	73.	85.	100.	77.	129.	108.	106.	LOW	95.	76.	104.
10 0 27	93.	72.	81.	98.	75.	116.	105.	106.	LOW	94.	73.	104.
10 0 32	97.	63.	78.	98.	71.	110.	105.	105.	LOW	94.	75.	103.
10 0 37	97.	67.	77.	97.	72.	108.	105.	105.	LOW	91.	69.	105.
	90.	58.	74.	98.	73.	119.	105.	107.	LOW	92.	70.	104.
										92.	72.	103.

C COMMUTATOR

TIME H/M/S	EC 49 TEMP AIR OMSTR OF HOT AR SENSOR	EC 50 PRESS STATIC DMSTR HOT AIR SENSOR	EC 36 PRESS STATIC FND EQUIP BAYATV ENTUR	EC 38 TEMP AIR OMSTR OF PRI MX	EC 54 PRESS REF COARSE	EC 63 PRESS STATIC SVC AR MX RAM INLET HEADER	EC 64 PRESS STATIC SERVICE AIR MX	EC 48 TEMP AIR RAM INLET R/M PRI MX	EC 39 TEMP AIR FND T/P COMPT	EC 30C TEMP AIR FND T/P COMPT	EC 301 TEMP AIR FND T/P COMPT	EC 52 TEMP SOUTLE TRAIN RENOV LNQZZL E	EC 53 PRESS RAIN REMOVL NOZZLE OUTLET L/M
13 1 1	105.	83.	.92	111.	29.56	.01	.1	77.	147.24	144.6	94.1	101.	100.
13 1 12	104.	79.	.84	97.	29.53	.02	.1	81.	146.91	143.3	130.7	101.	100.
13 1 17	106.	70.	.90	98.	29.26	.01	.1	00.	147.24	145.3	303.8	99.	100.
13 1 22	106.	67.	.05	101.	29.50	.00	.2	02.	146.91	145.8	270.8	99.	100.
13 1 27	106.	58.	.04	73.	29.32	.01	.2	04.	147.24	145.3	203.5	100.	100.
13 1 32	106.	57.	.05	08.	29.41	.01	.2	03.	147.24	145.8	180.0	100.	100.
13 1 32	105.	57.	.80	94.	29.32	.03	.94	78.	146.59	145.9	96.7	101.	100.
13 1 38	105.	57.	.80	99.	29.29	.05	.2	80.	146.91	145.3	156.5	100.	100.
13 1 46	107.	58.	.86	73.	29.32	.02	.2	04.	146.59	142.7	95.4	98.	100.
13 1 53	106.	59.	.81	61.	29.32	.02	.2	06.	146.59	144.8	162.2	100.	100.
13 1 58	97.	61.	.92	81.	29.50	.02	.2	86.	147.24	151.5	203.9	99.	100.
13 1 58	101.	61.	.89	102.	29.59	.03	.2	84.	146.91	147.6	251.3	99.	100.
13 2 3	105.	62.	.82	95.	29.26	.03	.1	73.	146.91	144.8	193.2	99.	100.
13 2 8	105.	62.	.77	92.	29.29	.02	.1	76.	146.59	144.8	206.6	100.	100.
13 2 13	106.	65.	1.00	89.	29.32	.03	.0	84.	146.59	145.3	305.0	95.	100.
13 2 18	105.	65.	1.03	94.	29.29	.02	.4	81.	146.91	144.8	245.5	99.	100.
13 2 23	103.	66.	1.37	116.	29.08	.02	.4	85.	146.59	144.8	223.2	100.	100.
13 4 6	104.	66.	.99	110.	29.32	.03	.3	83.	146.59	143.7	160.0	100.	100.
13 4 11	169.	100.	1.92	176.	29.08	.04	.2	05.	147.24	144.8	279.5	101.	100.
13 4 16	176.	100.	1.93	178.	29.23	.03	.1	85.	146.91	144.3	338.6	99.	100.
13 4 21	193.	100.	2.03	190.	29.20	.01	.3	81.	146.59	143.3	184.8	105.	100.
13 4 26	197.	100.	1.30	209.	29.17	.01	.2	84.	146.59	145.9	165.4	103.	100.
13 4 31	193.	100.	.66	193.	29.44	.02	.2	81.	146.59	145.9	124.5	102.	100.
13 4 34	183.	100.	.75	190.	29.32	.02	.2	84.	146.91	143.7	174.3	105.	100.
13 4 42	183.	100.	.70	187.	29.32	.02	.0	80.	146.91	143.7	237.9	105.	100.
13 4 47	183.	100.	.69	185.	29.26	.03	.0	88.	146.59	143.4	266.5	95.	100.
13 4 52	184.	100.	.90	194.	29.14	.02	.1	95.	146.59	136.2	199.1	96.	100.
13 4 55	184.	100.	.93	190.	29.26	.03	.1	84.	146.59	144.3	266.5	100.	100.
13 5 2	178.	100.	.72	193.	29.32	.02	.1	91.	146.91	144.3	229.9	100.	100.
13 5 7	179.	100.	.86	190.	29.50	.02	.1	85.	146.59	147.9	248.7	97.	100.
13 5 12	182.	100.	.98	182.	29.50	.01	.1	85.	146.59	147.9	228.0	96.	100.
13 5 17	180.	100.	.84	171.	29.50	.03	.1	80.	147.24	147.2	292.0	95.	100.
13 5 22	180.	100.	.80	102.	29.29	.02	.1	86.	147.24	147.2	223.8	102.	100.
13 5 27	180.	100.	.72	102.	29.38	.02	.1	93.	146.59	147.2	06.3	97.	100.
13 5 32	180.	100.	.82	178.	29.29	.03	.1	92.	146.59	148.5	105.8	96.	100.
13 5 37	180.	100.	.70	176.	29.29	.00	.1	90.	146.59	148.5	250.6	99.	100.
13 5 42	175.	100.	1.15	196.	29.58	.04	.2	90.	146.59	148.5	229.0	103.	100.
13 5 47	194.	100.	1.94	203.	29.40	.12	.3	82.	174.41	111.1	49.0	97.	100.
13 5 52	195.	100.	1.63	199.	29.32	.12	.3	81.	135.65	163.7	229.0	103.	100.
13 5 57	191.	100.	1.35	195.	29.32	.10	.2	85.	175.86	218.1	160.6	103.	100.
13 6 7	191.	100.	1.49	183.	29.32	.11	.2	77.	175.86	218.1	162.4	100.	100.
13 6 12	191.	100.	1.39	150.	29.20	.07	.1	82.	172.47	214.3	167.9	99.	100.
13 6 12	192.	100.	1.33	143.	29.35	.11	.2	84.	172.47	211.4	195.6	102.	100.
13 6 17	185.	100.	1.37	141.	29.32	.12	.4	85.	167.29	205.4	130.2	67.	100.

TIME H/M/S	EC 49 TEMP AIR	EC 50 PRESS STATIC	EC 36 PRESS STATIC	EC 38 TEMP AIR	EC 54 PRESS REF	EC 63 PRESS STATIC	EC 64 PRESS STATIC	EC 48 TEMP AIR	EC 99 TEMP AIR	EC 100 TEMP AIR	EC 101 TEMP AIR	EC 92 TEMP AIR	EC 53 PRESS STATIC
13 6 22	183.	100.	1.41	143.	29.20	.11	.3	91.	166.97	205.4	201.1	91.	100.
13 6 27	191.	100.	1.56	132.	29.30	.12	.2	80.	167.29	202.2	210.1	99.	100.
13 6 37	192.	100.	1.44	134.	29.50	.11	.3	82.	166.32	202.2	197.9	99.	100.
13 6 42	193.	100.	1.33	125.	29.56	.12	.2	80.	165.35	202.6	210.5	111.	100.
13 6 47	192.	100.	1.30	123.	29.59	.10	.2	82.	166.80	203.1	211.1	118.	100.
13 6 47	191.	100.	1.52	136.	29.30	.11	.4	94.	162.76	204.7	108.0	95.	100.
13 6 52	193.	100.	1.46	125.	29.30	.11	.4	90.	163.41	202.2	107.4	91.	100.
13 6 57	196.	100.	1.52	141.	29.44	.13	.2	85.	166.65	204.7	199.8	101.	100.
13 7 2	203.	100.	1.69	134.	29.30	.12	.2	80.	167.23	205.7	212.4	94.	100.
13 7 7	228.	100.	2.27	155.	29.30	.13	.3	82.	174.41	211.7	206.8	96.	100.
13 7 12	228.	100.	1.96	161.	29.41	.12	.2	86.	171.82	215.2	198.6	103.	100.
13 7 18	234.	100.	1.47	172.	29.50	.10	.2	85.	172.47	229.0	190.4	110.	100.
13 7 23	261.	100.	1.51	186.	29.44	.11	.3	91.	176.83	235.6	199.6	103.	100.
13 7 28	207.	100.	1.41	236.	29.26	.12	.4	86.	184.76	251.9	214.9	91.	100.
13 7 33	252.	100.	1.43	248.	29.32	.12	.3	85.	185.09	262.6	207.9	94.	100.
13 7 38	304.	100.	1.39	278.	29.32	.12	.5	80.	193.13	286.4	190.6	80.	100.
13 7 43	303.	107.	1.34	271.	29.41	.12	.5	89.	185.41	290.4	198.6	95.	100.
13 7 48	305.	100.	1.33	268.	29.26	.11	.4	84.	197.71	296.3	199.9	94.	100.
13 7 53	307.	100.	1.39	280.	29.30	.11	.4	90.	198.03	297.6	190.6	102.	100.
13 7 58	311.	100.	1.41	268.	29.56	.12	.4	82.	199.64	310.7	203.5	80.	100.
13 8 3	312.	100.	1.40	283.	29.44	.12	.3	80.	199.00	301.6	209.2	98.	100.
13 8 8	317.	100.	1.54	251.	29.26	.13	.4	80.	190.35	304.4	209.2	93.	100.
13 8 13	315.	100.	1.56	267.	29.50	.13	.4	80.	194.35	305.6	202.5	102.	100.
13 8 18	299.	100.	1.29	253.	29.32	.07	.2	80.	206.65	306.3	193.8	84.	100.
13 8 23	300.	100.	1.34	232.	29.44	.11	.4	80.	203.46	303.1	199.9	91.	100.
13 8 28	294.	100.	1.62	199.	29.30	.09	.3	93.	196.41	295.1	203.5	95.	100.
13 8 33	294.	100.	1.73	218.	29.50	.11	.3	91.	195.76	291.3	203.5	101.	100.
13 8 38	280.	100.	1.66	209.	29.26	.15	.2	90.	192.53	282.8	216.2	102.	100.
13 8 43	205.	100.	1.66	204.	29.30	.12	.1	80.	195.12	279.2	209.2	105.	100.
13 8 48	277.	100.	1.60	187.	29.50	.14	.4	95.	192.53	267.7	200.6	91.	100.
13 8 53	273.	100.	1.71	167.	29.35	.12	.4	92.	191.00	264.6	213.8	92.	100.
13 8 58	268.	100.	1.60	177.	29.14	.09	.3	94.	186.86	254.4	196.4	103.	100.
13 9 3	265.	100.	1.70	174.	29.20	.11	.3	85.	185.74	251.3	202.8	97.	100.
13 9 13	261.	100.	1.62	159.	29.30	.12	.3	84.	184.76	241.7	213.7	105.	100.
13 9 18	259.	100.	1.72	172.	29.41	.12	.2	83.	184.12	239.8	214.9	106.	100.
13 9 23	255.	100.	1.62	182.	29.26	.10	.3	82.	192.10	235.3	205.4	106.	100.
13 9 28	253.	100.	1.63	171.	29.35	.11	.3	90.	181.21	233.7	207.3	107.	100.
13 9 28	249.	100.	1.50	161.	29.38	.13	.3	88.	180.24	230.9	197.7	93.	100.
13 9 33	246.	100.	1.66	167.	29.44	.12	.2	80.	176.35	229.9	204.1	102.	100.
13 9 38	246.	100.	1.72	160.	29.30	.11	.3	85.	178.94	227.0	216.2	103.	100.
13 9 43	244.	100.	1.63	165.	29.32	.13	.2	84.	174.94	225.0	216.5	104.	100.
13 9 48	243.	100.	1.60	167.	29.32	.10	.2	84.	178.29	225.3	207.9	103.	100.
13 9 53	242.	100.	1.60	150.	29.50	.11	.2	84.	177.65	225.1	206.9	95.	100.
13 10 4	240.	100.	1.84	150.	29.50	.10	.1	81.	172.15	224.6	214.9	106.	100.
13 10 9	241.	100.	1.64	166.	29.38	.12	.2	82.	177.80	222.6	216.2	104.	100.
13 10 22	240.	100.	1.74	151.	29.32	.12	.2	82.	176.83	221.2	216.5	105.	100.
13 10 19	240.	100.	1.66	167.	29.26	.12	.3	90.	175.71	223.2	201.5	100.	100.
13 10 24	238.	100.	1.65	165.	29.17	.11	.2	80.	175.71	222.9	210.2	106.	100.

TIME H/M/S	EC 49 TEMP AIR DMSR OF HOT AR SENSOR	EC 50 PRESS STATIC DMSR HOT AIR SENSOR	EC 36 PRESS STATIC FWD EQUIP BAYATV ENTUR	EC 34 TEMP AIR DMSR OF PRI MX	EC 54 REF JOARSE	EC 63 PRESS STATIC SVC AR MX RAM INLET HEADER	EC 64 PRESS STATIC SERVICE AIR MX	EC 40 TEMP AIR RAM INLET R/H MX PRI MX	EC 99 TEMP AMB FIN TIP COMPT	EC 100 TEMP AMB FIN TIP COMPT	EC 101 TEMP AMB FIN TIP COMPT	EC 52 TEMP SOUTLE TRAIN REMOV LNOZZL E	EC 53 PRESS RAIN REMOVL NOZZLE OUTLET L/H
06													
13 19 29	236.	100.	1.62	156.	29.20	.13	.4	85.	175.71	223.2	199.6	105.	100.
13 10 34	236.	100.	1.78	149.	29.38	.13	.3	88.	175.38	221.0	205.1	101.	100.
13 10 39	236.	100.	1.70	152.	29.02	.13	.2	74.	175.06	221.9	203.5	100.	100.
13 10 44	238.	100.	1.75	160.	29.26	.12	.2	82.	173.76	221.6	208.3	97.	100.
13 10 49	233.	100.	1.54	163.	29.26	.10	.3	90.	175.71	223.2	213.7	103.	100.
13 10 54	235.	100.	1.69	158.	29.17	.13	.3	88.	173.38	222.9	213.3	100.	100.
13 11 43	240.	100.	1.97	156.	29.50	.16	.2	95.	179.59	224.5	203.5	93.	100.
13 51 48	243.	100.	1.92	171.	29.41	.12	.2	96.	180.56	227.7	205.7	96.	100.
13 51 58	253.	100.	1.15	195.	29.60	.14	.3	73.	183.88	237.2	206.8	94.	100.
13 12 3	258.	100.	1.61	208.	29.06	.14	.3	82.	183.47	248.7	207.8	99.	100.
13 12 3	268.	100.	2.40	218.	29.20	.11	.1	73.	180.65	253.2	215.6	99.	100.
13 12 8	271.	100.	1.94	225.	29.23	.09	.2	78.	190.59	256.7	217.8	99.	100.
13 12 13	283.	100.	1.96	263.	29.38	.12	.0	90.	192.12	267.1	191.2	96.	100.
13 12 18	281.	100.	1.98	258.	29.32	.11	.2	93.	195.76	271.5	206.0	98.	100.
13 12 20	281.	100.	1.99	255.	29.26	.15	.4	82.	199.80	278.9	206.6	103.	100.
13 12 33	286.	100.	1.99	256.	29.44	.15	.4	89.	199.80	283.9	198.3	90.	100.
13 12 38	291.	100.	2.23	255.	29.58	.15	.4	103.	200.91	285.7	208.8	95.	100.
13 12 38	292.	100.	2.04	251.	29.41	.14	.3	103.	199.63	287.8	218.5	95.	100.
13 12 43	296.	100.	1.90	263.	29.38	.11	.1	93.	203.46	292.6	217.5	100.	100.
13 12 53	301.	100.	1.99	267.	29.50	.12	.1	95.	204.42	293.8	215.9	97.	100.
13 12 58	302.	100.	2.15	273.	29.38	.17	.4	73.	207.28	294.4	188.6	95.	100.
13 13 3	302.	100.	2.07	273.	29.26	.16	.3	80.	208.24	307.2	195.7	96.	100.
13 13 9	304.	100.	2.33	273.	29.32	.13	.2	97.	209.20	308.9	207.3	96.	100.
13 13 14	305.	100.	2.15	281.	29.20	.13	.2	95.	210.15	302.8	201.5	96.	100.
13 13 19	308.	100.	2.09	289.	29.56	.13	.2	93.	211.11	300.7	213.0	99.	100.
13 13 24	314.	100.	2.09	285.	29.38	.10	.1	99.	211.11	300.7	217.2	96.	100.
13 13 29	316.	100.	1.88	291.	29.32	.15	.2	93.	213.82	308.4	206.8	94.	100.
13 13 34	325.	100.	1.97	289.	29.41	.13	.1	98.	212.38	305.8	197.7	96.	100.
13 13 39	320.	100.	2.07	290.	29.32	.12	.1	103.	216.21	305.8	199.6	93.	100.
13 13 44	329.	100.	2.04	274.	29.53	.11	.2	96.	213.34	303.5	201.5	93.	100.
13 13 49	324.	100.	1.99	253.	29.26	.14	.4	95.	203.46	301.9	214.9	94.	100.
13 13 54	322.	100.	2.12	265.	29.32	.11	.2	97.	205.69	302.2	213.3	98.	100.
13 13 59	323.	100.	2.29	261.	29.14	.12	.2	93.	211.11	305.8	205.4	97.	100.
13 14 4	319.	100.	2.17	285.	29.20	.13	.2	96.	212.06	306.9	206.6	93.	100.
13 14 9	319.	100.	1.99	280.	29.20	.15	.4	105.	213.66	308.1	211.1	96.	100.
13 14 14	322.	100.	1.95	286.	29.35	.14	.3	100.	213.98	306.6	207.8	95.	100.
13 14 19	328.	100.	2.03	289.	29.32	.13	.2	97.	215.57	308.1	223.9	96.	100.
13 14 24	339.	100.	2.10	290.	29.44	.11	.2	100.	215.25	308.4	217.2	96.	100.
13 14 34	339.	100.	1.99	290.	29.20	.11	.3	99.	214.93	307.5	214.3	97.	100.
13 14 39	335.	100.	2.10	292.	29.26	.12	.2	99.	213.98	307.5	215.2	97.	100.
13 14 49	335.	100.	2.13	279.	29.56	.10	.2	98.	211.75	307.5	188.8	94.	100.
13 14 54	332.	100.	2.08	269.	29.50	.09	.2	97.	211.11	306.6	199.2	95.	100.
13 15 4	330.	100.	2.01	260.	29.50	.11	.2	98.	211.11	303.8	198.6	97.	100.
13 15 9	326.	100.	2.12	254.	29.50	.09	.2	95.	211.43	304.1	198.9	96.	100.
13 15 14	326.	100.	2.15	293.	29.35	.10	.2	101.	212.38	306.3	225.1	95.	100.
13 15 19	330.	100.	2.07	289.	29.35	.11	.2	100.	213.34	307.2	217.2	94.	100.
13 15 19	328.	100.	2.05	294.	29.32	.15	.4	90.	216.21	307.5	177.8	96.	100.
13 15 19	330.	100.	2.17	261.	29.26	.10	.2	108.	216.52	301.1	196.9	94.	100.
13 15 19	330.	100.	2.17	261.	29.26	.10	.2	108.	216.29	300.7	152.4	97.	100.

TIME M/N/S	EC 49 TEMP AIR DMSR OF HOT AF SENSOR	EC 50 PRESS STATIC DMSR HOT AIR SENSOR	EC 36 PRESS STATIC FWD EQUIP BAVATV ENTUR	EC 30 TEMP AIR DMSR OF PRI MX	EC 54 PRESS REF COARSE	EC 63 PRESS STATIC SVC AR MX INLET HEADER	EC 64 PRESS STATIC SERVICE AIR MX	EC 40 TEMP AIR RAM INLET R/H PRI MX	EC 99 TEMP AMB FIN TIP COMPT	EC 100 TEMP APB FIN TIP COMPT	EC 101 TEMP AMB FIN TIP COMPT	EC 52 TEMP SOUTLE TRAIN REMOV LNOZZL E	EC 53 PRESS RAIN REMOVL NOZZLE OUTLET L/H
13 15 19	326.	100.	2.10	285.	29.35	.13	.1	103.	215.89	308.4	178.3	96.	186.
13 15 20	322.	100.	2.23	274.	29.56	.14	.1	93.	216.21	317.5	199.8	96.	180.
13 15 29	326.	100.	2.20	274.	29.30	.11	.2	93.	215.25	306.9	205.1	95.	180.
13 15 34	324.	100.	2.03	279.	29.32	.11	.1	89.	213.66	305.0	182.2	87.	180.
13 15 39	329.	100.	1.95	264.	29.29	.12	.2	90.	212.30	304.4	178.9	91.	180.
13 15 44	331.	100.	2.11	260.	29.50	.20	.2	84.	211.75	303.7	167.4	94.	180.
13 15 50	330.	100.	2.15	269.	29.65	.17	.2	89.	211.75	302.2	193.2	93.	180.
13 15 55	329.	100.	2.03	271.	29.38	.15	.3	103.	211.66	306.9	195.8	94.	180.
13 16 5	332.	100.	1.98	270.	29.35	.13	.3	100.	214.61	308.1	162.4	95.	180.
13 16 5	335.	100.	2.09	286.	29.20	.12	.2	95.	200.56	309.4	199.6	94.	180.
13 16 10	330.	100.	2.00	203.	29.29	.13	.3	91.	212.34	306.7	201.5	94.	180.
13 16 15	330.	100.	2.03	265.	29.14	.10	.2	84.	208.56	310.8	219.4	97.	180.
13 16 20	334.	100.	1.99	294.	29.35	.05	.2	80.	212.30	310.3	214.8	96.	186.
13 16 25	344.	100.	2.01	289.	29.44	.11	.2	80.	216.21	306.9	197.7	93.	180.
13 16 30	343.	100.	2.10	290.	29.53	.11	.1	95.	216.21	306.9	178.9	92.	180.
13 16 35	315.	100.	1.94	270.	29.62	.12	.1	106.	214.29	306.9	178.9	92.	180.
13 16 40	322.	100.	1.94	262.	29.38	.12	.0	92.	213.66	306.3	109.8	94.	180.
13 16 53	330.	100.	1.86	271.	29.00	.15	.2	105.	210.47	304.4	218.1	94.	180.
13 16 58	331.	100.	1.93	271.	29.11	.14	.2	94.	211.43	308.1	219.4	93.	180.
13 16 55	332.	100.	1.86	293.	29.50	.11	.2	89.	208.56	307.5	177.6	93.	180.
13 17 0	331.	100.	1.86	284.	29.35	.13	.2	91.	213.66	308.4	196.6	92.	180.
13 17 10	327.	100.	1.68	265.	29.38	.10	.1	91.	216.84	309.4	213.7	93.	180.
13 17 10	326.	100.	1.76	281.	29.29	.13	.2	92.	216.84	305.8	194.4	93.	180.
13 17 15	331.	100.	1.82	281.	29.50	.09	.4	101.	216.84	306.9	198.4	97.	180.
13 17 20	330.	100.	1.84	279.	29.20	.11	.3	101.	216.52	306.9	200.2	94.	180.
13 17 25	334.	100.	1.84	275.	28.12	.11	.3	99.	216.21	305.6	225.8	93.	180.
13 17 30	333.	100.	1.81	275.	28.78	.12	.3	92.	215.89	305.8	209.8	89.	180.
13 17 40	335.	100.	1.84	296.	29.56	.12	.2	102.	208.56	305.8	218.8	90.	180.
13 17 45	336.	100.	1.81	281.	29.56	.11	.3	96.	211.11	303.1	218.2	93.	180.
13 17 50	335.	100.	1.74	264.	29.14	.14	.4	110.	213.66	299.4	195.1	90.	180.
13 17 55	334.	100.	1.87	265.	29.11	.12	.2	177.	213.34	302.2	206.6	90.	180.
13 17 55	334.	100.	1.76	261.	29.56	.08	.4	99.	216.21	313.1	233.4	97.	180.
13 18 0	330.	100.	1.81	291.	29.41	.11	.4	95.	216.52	311.2	217.2	91.	180.
13 18 5	319.	100.	1.74	291.	29.26	.09	.2	182.	218.12	299.4	213.8	91.	180.
13 18 10	322.	100.	1.76	267.	29.38	.11	.2	90.	217.48	305.3	218.8	92.	180.
13 18 15	326.	100.	1.92	298.	29.50	.10	.1	94.	218.12	311.8	177.8	92.	180.
13 18 20	334.	100.	1.94	291.	29.50	.12	.2	90.	221.62	311.5	179.6	92.	180.
13 18 26	329.	100.	1.86	298.	29.32	.13	.4	84.	216.21	318.8	200.6	91.	180.
13 18 31	331.	100.	1.84	288.	29.32	.10	.4	95.	216.21	308.7	221.8	93.	180.
13 18 36	332.	100.	1.80	283.	29.20	.09	.3	95.	214.29	308.7	191.2	97.	180.
13 18 41	329.	100.	1.81	275.	29.29	.12	.2	95.	213.66	308.1	189.9	96.	180.
13 18 46	336.	100.	1.94	280.	29.32	.12	.3	90.	213.32	308.4	212.4	92.	180.
13 18 51	330.	100.	2.04	268.	29.32	.12	.2	97.	213.82	306.4	192.7	91.	180.
13 18 56	329.	100.	2.11	298.	29.38	.12	.0	94.	217.48	307.5	209.2	95.	180.
13 19 1	330.	100.	2.12	303.	29.30	.12	.1	160.	217.16	308.7	211.7	94.	180.
13 19 6	327.	100.	1.84	303.	29.50	.15	.8	90.	218.75	311.8	171.8	89.	180.
13 19 11	329.	100.	1.74	296.	29.47	.14	.1	99.	219.87	313.4	199.9	91.	180.
13 19 16	329.	100.	1.70	308.	29.36	.13	.4	94.	219.39	311.2	183.5	90.	180.
13 19 21	332.	100.	1.77	285.	29.35	.12	.4	100.	213.98	318.3	206.2	91.	180.

TIME H/M/S	EC 49 TEMP AIR	EC 50 PRESS STATIC	EC 36 PRESS STATIC	EC 38 TEMP AIR	EC 54 PRESS REF	EC 63 PRESS STATIC	EC 64 PRESS STATIC	EC 40 TEMP AIR	EC 99 TEMP AMB	EC 100 TEMP AMB	EC 101 TEMP AMB	EC 52 TEMP SOUTLE	EC 53 PRESS RAIN
13 22 24	323.	100.	1.92	295.	29.20	.11	.1	97.	217.88	300.7	221.3	94.	100.
13 22 29	300.	100.	2.16	236.	29.14	.11	.2	93.	198.85	272.0	223.5	92.	100.
13 22 34	275.	100.	2.39	160.	29.50	.11	.1	80.	181.53	332.1	174.4	80.	100.
13 22 39	273.	100.	2.40	168.	29.26	.11	.3	88.	183.88	232.1	183.1	89.	100.
13 22 44	271.	100.	2.58	176.	29.14	.16	.3	95.	180.24	230.9	175.1	90.	100.
13 22 49	273.	100.	2.52	172.	29.14	.13	.3	97.	180.56	231.9	174.4	90.	100.
13 22 54	272.	100.	2.52	152.	29.20	.11	.3	98.	181.53	229.6	209.8	91.	100.
13 22 59	267.	100.	2.47	159.	29.44	.12	.2	91.	179.59	228.6	209.8	91.	100.
13 23 4	267.	100.	2.44	165.	29.52	.12	.1	90.	178.23	223.9	174.4	90.	100.
13 23 10	263.	100.	2.54	169.	29.38	.12	.1	92.	177.97	221.3	204.5	90.	100.
13 23 15	265.	100.	2.37	149.	28.12	.11	.2	88.	177.80	226.4	216.8	89.	100.
13 23 20	271.	100.	2.39	147.	28.87	.10	.1	80.	177.80	226.1	213.7	87.	100.
13 23 25	267.	100.	2.66	157.	29.38	.11	.4	99.	177.65	225.8	118.1	92.	100.
13 23 30	265.	100.	2.55	158.	29.44	.12	.3	97.	173.76	225.8	158.6	91.	100.
13 23 35	266.	100.	2.64	176.	29.26	.16	.3	88.	177.65	224.5	183.5	91.	100.
13 23 40	266.	100.	2.60	154.	29.44	.11	.3	94.	177.80	224.2	199.5	91.	100.
13 23 45	261.	100.	2.50	145.	29.80	.12	.2	91.	177.80	225.1	122.8	90.	100.
13 23 50	263.	100.	2.49	150.	29.50	.13	.3	92.	176.68	224.8	155.8	90.	100.
13 23 55	260.	100.	2.52	172.	29.20	.12	.1	88.	176.35	221.2	223.9	90.	100.
13 24 0	263.	100.	2.65	155.	29.20	.14	.0	105.	176.03	223.2	199.5	91.	100.
13 24 5	259.	100.	2.64	156.	29.44	.09	.2	97.	175.86	223.9	214.3	86.	100.
13 24 10	261.	100.	2.61	152.	29.38	.10	.2	97.	175.38	223.9	206.6	89.	100.
13 24 15	259.	100.	2.50	168.	29.02	.13	.1	82.	176.35	225.1	226.4	90.	100.
13 24 20	259.	100.	2.62	162.	29.26	.11	.3	91.	176.83	224.5	208.5	91.	100.
13 24 25	259.	100.	2.76	158.	29.56	.12	.2	106.	175.71	218.8	220.0	90.	100.
13 24 30	259.	100.	2.67	156.	29.32	.11	.1	90.	173.12	221.0	215.6	91.	100.
13 24 35	255.	100.	2.70	173.	28.50	.14	.3	77.	175.71	223.2	177.6	90.	100.
13 24 40	256.	100.	2.72	151.	28.96	.11	.4	86.	175.71	223.2	187.4	90.	100.
13 24 45	253.	100.	2.70	159.	29.32	.11	.3	97.	175.71	223.2	221.3	94.	100.
13 24 50	253.	100.	2.69	153.	29.23	.13	.2	90.	175.38	223.5	212.7	93.	100.
13 25 0	259.	100.	2.68	165.	29.14	.12	.0	76.	175.71	221.9	229.8	87.	100.
13 25 5	251.	100.	2.70	166.	28.93	.11	.8	82.	174.89	222.6	218.1	89.	100.
13 25 10	252.	100.	2.95	154.	29.50	.13	.3	101.	176.35	221.9	197.7	89.	100.
13 25 15	253.	100.	2.89	158.	29.56	.14	.4	101.	176.83	220.3	198.4	90.	100.
13 25 20	252.	100.	2.83	163.	29.80	.11	.5	101.	175.86	221.3	221.9	91.	100.
13 25 25	254.	100.	3.06	151.	29.59	.10	.4	97.	175.86	221.6	211.7	89.	100.
13 25 30	251.	100.	2.99	155.	25.44	.12	.4	94.	175.71	220.7	218.1	90.	100.
13 25 35	247.	100.	2.91	152.	29.50	.11	.3	97.	175.38	221.6	218.1	92.	100.
13 25 40	251.	100.	2.80	164.	29.62	.12	.2	76.	173.76	222.6	196.4	91.	100.
13 25 45	249.	100.	2.85	157.	29.38	.15	.1	76.	174.74	222.3	197.7	90.	100.
13 25 50	243.	100.	2.97	164.	29.02	.09	.2	85.	175.71	221.9	218.1	89.	100.
13 25 55	242.	100.	2.96	152.	29.11	.08	.2	90.	175.38	222.6	218.1	90.	100.
13 26 0	246.	100.	2.82	159.	29.32	.11	.1	99.	175.86	221.9	185.4	87.	100.
13 26 5	243.	100.	2.87	163.	29.38	.12	.2	97.	175.86	221.9	201.8	86.	100.
13 26 10	246.	100.	3.01	151.	28.96	.12	.1	74.	174.41	218.8	225.8	89.	100.
13 26 15	243.	100.	3.08	157.	29.11	.12	.3	85.	174.74	218.8	179.7	89.	100.
13 26 20	246.	100.	2.82	165.	29.50	.15	.1	90.	173.76	221.3	203.3	95.	100.
13 26 25	241.	100.	3.12	153.	28.81	.12	.2	97.	174.41	220.7	213.7	89.	100.
13 26 30	241.	100.	2.65	173.	29.50	.16	.2	93.	175.86	223.9	186.1	90.	100.

TIME
H/M/S

06

EC 49	EC 50	EC 36	EC 38	EC 54	EC 63	EC 64	EC 48	EC 99	EC 100	EC 101	EC 52	EC 53
TEMP AIR DMMSTR OF HOT AIR SENSOR	PRESS STATIC DMMSTR HOT AIR SENSOR	PRESS STATIC FWD EQUIP ENTUR	TEMP AIR DMMSTR OF PRI HX	PRESS REF COARSE	PRESS STATIC SVC AR MX RAM INLET HEADER	PRESS STATIC SERVICE AIR MX	TEMP AIR RAM INLET R/H PRI HX	TEMP AMB FIN TIP COMPT	TEMP AMB FIN TIP COMPT	TEMP AMB FIN TIP COMPT	TEMP SOUTLE TRAIN REMOV LNOZZL E	PRESS RAIN REMOVL NOZZLE OUTLET L/H
245.	100.	2.92	171.	29.59	.12	.1	60.	175.34	222.9	199.2	65.	100.
244.	100.	3.01	176.	29.32	.16	.2	60.	175.71	221.3	195.1	68.	100.
244.	100.	3.05	172.	29.28	.15	.1	60.	175.34	221.9	206.6	69.	100.
244.	100.	3.25	161.	29.32	.08	.1	78.	173.74	222.6	226.4	98.	100.
243.	100.	3.21	158.	29.17	.09	.2	78.	174.61	221.9	214.6	91.	100.
219.	-32.	3.58	171.	29.52	.14	.2	78.	167.29	218.0	211.1	93.	100.
221.	-32.	3.59	167.	29.74	.14	.2	80.	159.56	215.1	207.3	88.	100.
223.	-32.	3.26	142.	29.56	.16	.1	88.	173.12	218.8	208.6	86.	100.
222.	-32.	3.34	145.	29.50	.14	.1	86.	173.12	218.8	215.9	90.	100.
222.	-32.	3.40	136.	29.14	.15	.5	97.	173.76	211.8	201.5	83.	100.
222.	-32.	3.57	142.	29.17	.13	.3	95.	171.82	219.1	192.5	82.	100.
221.	-33.	3.50	147.	29.88	.09	.4	93.	171.82	219.4	198.4	94.	100.
220.	-33.	3.48	135.	29.20	.14	.3	85.	169.56	219.4	193.5	94.	100.
223.	-33.	3.40	133.	29.80	.12	.3	101.	172.47	211.1	198.6	86.	100.
223.	-33.	3.77	145.	29.33	.11	.3	91.	172.15	215.4	205.6	91.	100.
222.	-32.	3.53	160.	29.58	.17	.1	88.	173.12	218.1	206.6	79.	100.
223.	-32.	3.44	160.	29.55	.18	.1	82.	173.12	217.2	206.6	82.	100.
226.	-33.	3.60	154.	29.26	.15	.4	77.	169.88	221.3	183.5	80.	100.
225.	-32.	3.63	155.	29.50	.13	.2	88.	171.50	221.3	191.2	83.	100.
224.	-32.	3.79	167.	29.26	.11	.3	72.	156.94	219.4	199.6	80.	100.
225.	-31.	3.72	156.	29.32	.12	.2	70.	164.38	215.4	195.4	83.	100.
225.	-31.	3.75	146.	29.90	.13	.4	103.	172.47	218.0	229.0	61.	100.
225.	-31.	3.78	150.	29.85	.12	.4	102.	172.47	219.1	217.8	61.	100.
221.	-31.	3.73	162.	29.14	.10	.4	91.	172.47	220.0	214.3	91.	100.
221.	-30.	3.67	142.	29.29	.11	.3	96.	172.79	220.0	207.9	91.	100.
223.	-29.	3.81	171.	29.38	.10	.0	73.	171.82	219.4	202.2	87.	100.
223.	-29.	3.82	159.	29.38	.12	.1	82.	172.15	219.7	202.8	87.	100.
221.	-30.	3.77	165.	29.28	.11	.4	95.	173.12	223.9	211.1	94.	100.
221.	-31.	3.79	156.	29.47	.13	.2	86.	172.47	221.9	202.1	87.	100.
221.	-31.	3.83	139.	29.26	.11	.4	85.	174.61	218.8	203.5	82.	100.
222.	-31.	3.89	168.	29.14	.11	.3	84.	173.12	219.1	214.9	85.	100.
221.	-31.	3.95	166.	29.82	.07	.4	91.	172.47	211.4	200.6	95.	100.
221.	-31.	3.80	162.	29.20	.09	.3	86.	172.47	219.4	198.8	90.	100.
220.	-31.	3.79	167.	29.14	.10	.4	102.	173.12	218.1	188.6	90.	100.
219.	-43.	3.76	163.	29.35	.13	.2	91.	173.76	220.0	202.4	89.	100.
219.	-52.	3.79	176.	29.50	.11	.3	82.	167.29	222.6	218.8	84.	100.
230.	-51.	3.92	160.	29.50	.15	.3	80.	173.44	214.8	212.7	81.	100.
254.	-44.	3.85	208.	29.68	.13	.3	88.	180.24	232.1	190.8	77.	100.
259.	-42.	3.91	202.	29.47	.13	.2	93.	182.50	236.3	207.6	78.	100.
285.	-41.	4.18	251.	29.62	.17	.2	65.	184.12	258.0	202.8	78.	100.
290.	-40.	4.10	256.	29.65	.16	.2	83.	187.68	255.1	198.8	78.	100.
305.	-39.	4.13	264.	29.44	.11	.0	90.	192.53	251.6	215.6	95.	100.
309.	-42.	4.03	266.	29.53	.12	.2	95.	194.47	274.3	211.7	91.	100.
327.	-44.	3.77	274.	29.50	.11	.3	89.	193.84	283.8	194.5	88.	100.
326.	-43.	3.86	259.	29.26	.11	.3	96.	199.32	281.7	198.9	80.	100.
335.	-45.	3.93	278.	29.20	.12	.1	98.	203.27	295.7	215.6	90.	100.
342.	-48.	4.07	261.	29.14	.12	.2	99.	201.55	286.2	209.2	89.	100.
351.	-50.	3.75	250.	29.14	.00	.2	99.	231.46	306.3	217.5	91.	100.
353.	-49.	3.87	266.	29.26	.06	.2	91.	203.46	300.7	221.0	90.	100.

TIME W/M/S	EC 49 TEMP AIR DINSTR OF HOT AF SENSOR	EC 50 PRESS STATIC FWD EQUIP BAYATV ENTUR AIR SENSOR	EC 36 PRESS STATIC FWD EQUIP BAYATV ENTUR	EC 38 TEMP AIR DINSTR OF PRI MX	EC 54 PRESS REF COARSE	EC 63 PRESS STATIC SUC AK HX KAM INLET HEADER	EL 64 PRESS STATIC SERVICE AIR HX	EC 40 TEMP AIR RAM INLET R/H PRI MX	EC 99 TEMP AMB FIN TIP COMPT	EC 100 TEMP AMB FIN TIP COMPT	EC 101 TEMP AMB FIN TIP COMPT	EC 52 TEMP SOUTLE TRAIN REMOV LNOZZL E	EC 53 PRESS RAIN RENOVL NOZZLE OUTLET L/H
14 4 29	349.	-48.	3.81	293.	29.62	.15	.2	86.	208.74	316.2	203.8	85.	100.
14 4 34	354.	-47.	3.89	283.	29.17	.14	.1	91.	208.01	319.9	213.7	86.	100.
14 4 39	371.	-45.	3.75	289.	29.26	.11	.3	50.	209.20	326.8	200.3	87.	100.
14 4 44	375.	-44.	4.01	284.	29.08	.13	.2	95.	218.79	338.9	196.7	87.	100.
14 4 49	386.	-45.	3.99	315.	29.38	.15	.1	77.	213.66	344.9	216.8	86.	100.
14 4 54	390.	-43.	4.13	318.	29.35	.16	.1	78.	215.25	348.7	205.7	84.	100.
14 4 59	408.	-47.	3.85	335.	29.26	.13	.3	88.	218.12	361.9	186.7	84.	100.
14 5 4	418.	-46.	3.99	329.	29.32	.12	.3	90.	223.67	365.3	192.9	84.	100.
14 5 9	421.	-52.	3.91	341.	29.17	.11	.2	86.	225.13	377.6	216.8	84.	100.
14 5 14	430.	-53.	4.01	340.	29.36	.15	.1	93.	228.08	381.3	215.6	83.	100.
14 5 19	432.	-58.	3.99	351.	29.99	.15	.1	86.	231.86	393.9	196.4	89.	100.
14 5 24	444.	-59.	4.04	369.	29.50	.18	.1	91.	232.14	398.1	189.3	88.	100.
14 5 29	450.	-58.	4.13	395.	29.60	.18	.2	86.	233.73	410.2	182.8	87.	100.
14 5 39	452.	-56.	4.06	396.	29.05	.14	.2	86.	233.73	414.6	196.0	84.	100.
14 5 44	455.	-52.	3.79	405.	29.32	.11	.4	94.	247.43	424.6	197.7	83.	100.
14 5 49	461.	-53.	3.89	424.	29.72	.13	.3	92.	248.16	429.9	194.1	85.	100.
14 5 54	458.	-52.	3.95	423.	29.38	.15	.2	85.	246.79	432.2	191.9	88.	100.
14 5 59	452.	-57.	3.95	413.	29.20	.15	.4	86.	248.07	433.7	200.9	89.	100.
14 6 14	440.	-72.	3.81	405.	29.58	.16	.4	95.	249.98	437.8	201.5	93.	100.
14 6 19	437.	-76.	3.78	364.	29.62	.12	.2	90.	247.75	434.7	204.7	88.	100.
14 6 24	419.	-77.	3.95	347.	29.47	.07	.3	84.	246.16	417.7	191.2	84.	100.
14 6 29	418.	-81.	4.03	290.	29.14	.11	.2	86.	241.86	410.2	211.8	85.	100.
14 6 34	418.	-83.	4.16	290.	29.20	.12	.2	102.	242.14	381.8	195.1	83.	100.
14 6 39	418.	-91.	3.47	225.	29.26	.11	.1	99.	230.86	375.1	201.5	83.	100.
14 6 44	418.	-100.	2.66	136.	29.50	.10	.1	77.	225.13	348.7	218.1	80.	100.
14 6 49	418.	-100.	2.57	147.	29.50	.11	.1	103.	201.86	285.3	205.3	78.	100.
14 6 54	418.	-100.	2.48	147.	29.50	.11	.1	103.	177.88	221.2	208.6	91.	100.
14 7 4	418.	-100.	2.41	144.	29.50	.11	.1	101.	176.68	220.7	207.6	84.	100.
14 7 9	418.	-100.	2.42	156.	29.20	.11	.4	91.	177.88	223.2	223.9	86.	100.
14 7 14	418.	-100.	2.34	159.	29.41	.14	.1	98.	177.88	223.9	221.3	90.	100.
14 7 19	418.	-100.	2.17	165.	29.32	.14	.1	88.	178.94	223.9	206.8	81.	100.
14 7 24	418.	-100.	2.10	165.	29.26	.11	.1	86.	178.29	223.2	196.8	87.	100.
14 7 29	418.	-100.	2.11	165.	29.38	.13	.0	94.	177.88	223.2	156.9	89.	100.
14 7 34	418.	-100.	2.11	165.	29.38	.12	.2	84.	177.88	223.3	171.2	87.	100.
14 7 39	418.	-100.	2.19	169.	29.14	.07	.5	84.	177.65	221.3	188.8	79.	100.
14 7 44	418.	-100.	2.13	155.	29.20	.09	.1	97.	177.65	221.6	196.4	64.	100.
14 7 49	418.	-100.	2.15	180.	29.32	.12	.1	80.	177.65	223.2	216.2	91.	100.
14 7 54	418.	-100.	2.17	180.	29.32	.12	.1	73.	177.88	223.2	216.2	87.	100.
14 7 59	418.	-100.	2.33	172.	29.26	.09	.3	80.	177.88	223.6	185.4	81.	100.
14 8 4	418.	-100.	2.32	165.	29.47	.13	.2	84.	178.62	223.9	195.4	80.	100.
14 8 9	418.	-100.	2.39	177.	29.38	.01	.0	89.	184.76	224.5	177.6	82.	100.
14 8 14	418.	-100.	2.44	174.	29.47	.04	.0	95.	184.12	219.1	192.5	86.	100.
14 8 19	418.	-100.	2.31	204.	29.56	.01	.1	108.	180.24	284.1	215.6	88.	100.
14 8 24	418.	-100.	2.33	221.	29.35	.01	.1	106.	179.91	281.2	203.7	85.	100.
14 8 29	418.	-100.	2.31	237.	29.74	.01	.0	103.	177.88	190.4	216.8	80.	100.
14 8 34	418.	-100.	2.36	261.	29.56	.01	.1	99.	177.88	194.8	216.5	83.	100.
14 8 39	418.	-100.	2.25	256.	29.38	.14	.1	111.	280.91	218.8	213.0	74.	100.

TIME
M/M/S

TIME M/M/S	EC 49 TEMP AIR OF HOT AR SENSOR	EC 50 PRESS STATIC DMSR HOT AIR SENSOR	EC 36 PRESS STATIC FWD EQUIP HAYATV ENTUR	EC 38 TEMP AIR DMSR OF PRI MX	EC 54 PRESS REF COARSE	EC 63 PRESS STATIC SVC AR HX RAM INLET HEADER	EC 64 PRESS STATIC SERVICE AIR HX	EC 48 TEMP AIR RAM INLET R/W PRI HX	EC 99 TEMP AMB FIP TIP COMPT	EC 100 TEMP AMB FIP TIP COMPT	EC 101 TEMP AMB FIP TIP COMPT	EC 52 TEMP SOUTLE TRAIN RENOV LMOZZL E	EC 53 PRESS RAIN REMOVL NOZZLE OUTLET L/H
14 18 4	243.	-100.	2.38	256.	29.44	.15	.1	101.	287.28	228.0	288.2		188.
14 18 6	245.	-100.	2.48	223.	29.82	.11	.1	95.	289.20	241.7	193.2		188.
14 18 9	244.	-100.	2.48	216.	29.32	.12	.1	96.	285.85	237.6	287.2		188.
14 18 14	245.	-100.	2.05	172.	29.32	.08	.1	107.	195.12	229.6	213.8		188.
14 18 19	244.	-100.	2.74	169.	29.23	.16	.1	109.	192.53	228.6	214.3		188.
14 32 7	227.	-100.	2.11	187.	29.20	.07	.3	109.	191.53	244.2	166.8		188.
14 32 13	223.	-100.	2.07	175.	29.32	.06	.1	98.	182.18	238.2	195.6		188.
14 32 18	219.	-100.	2.25	168.	29.32	.01	.1	86.	180.88	223.2	272.1		188.
14 32 23	220.	-100.	2.35	163.	28.81	.03	.8	94.	188.24	221.8	266.4		188.
14 32 28	221.	-100.	1.94	163.	29.32	.08	.2	97.	182.18	214.3	222.6		188.
14 32 33	220.	-100.	2.14	163.	28.72	.06	.2	94.	181.53	214.3	212.7		188.
14 32 39	217.	-100.	2.19	178.	29.32	.03	0.8	95.	179.59	211.7	206.8		188.
14 32 44	216.	-100.	2.21	167.	29.47	.03	.1	93.	179.26	211.7	216.2		188.
14 32 49	216.	-100.	2.21	173.	28.98	.05	.8	124.	179.59	192.4	188.8		188.
14 32 54	215.	-100.	2.12	155.	29.11	.04	.1	113.	178.94	203.1	194.1		188.
14 32 59	212.	-100.	2.27	152.	28.96	.06	.8	112.	178.29	203.5	211.1		188.
14 33 4	212.	-100.	2.25	161.	29.11	.03	.1	94.	178.29	205.1	206.3		188.
14 33 9	212.	-100.	2.39	158.	29.32	.01	.8	95.	177.88	206.8	209.8		188.
14 33 14	213.	-100.	2.36	165.	29.29	.03	.2	104.	177.82	206.8	209.2		188.

C COMMUTATOR

TIME H/M/S	EC 56 PRESS RAM AR PRIMRY HX MSUB NLET	EC 57 PRESS RAM AR PRIMRY HX MSUB NLET	EC 58 PRESS RAM AR PRIMRY HX MSUB NLET	EC 59 PRESS STATIC PRIMRY HX HEADER INLET	EC 60 PRESS STATIC PRIMRY HX HEADER OUTLET	EC 65 PRESS STATIC RAM AIR	PR 24 TEMP AIR INLET AUX LIP	PR 25 TEMP AIR INLET COHL LIP L/M	PR 26 TEMP SURFAC AUX LIP L/M	PR 27A TEMP SURFAC CCHL LIP L/M 25 DEG	PR 27B TEMP SURFAC COHL LIP L/M 59 DEG	PR 28 TEMP AIR INLET SPIKE TIP	PR 13 TEMP CSO L/HENG
13 1 1	-40.00	-.23	.27	-.08	.0	-12.35	86.	89.	87.	LOW	84.	84.	82.
13 1 12	-40.00	-.66	.22	-.09	.6	-12.43	86.	91.	87.	LOW	84.	85.	82.
13 1 17	-40.00	-.31	.27	-.07	-.1	-12.64	86.	77.	86.	LOW	86.	85.	82.
13 1 22	-40.00	-.29	.20	-.10	-.0	-12.45	86.	78.	85.	LOW	86.	81.	82.
13 1 27	-40.00	-.66	.31	-.10	-.0	-12.52	86.	106.	87.	LOW	84.	80.	82.
13 1 32	-40.00	-.68	.23	-.10	-.0	-12.52	86.	89.	87.	LOW	85.	81.	82.
13 1 32	-40.00	-.23	.27	-.12	0.0	-12.43	86.	97.	87.	LOW	84.	80.	83.
13 1 38	-40.00	-.45	.16	-.12	-.0	-12.43	86.	95.	87.	LOW	84.	79.	82.
13 4 1 48	-40.00	-.27	.16	-.06	0.0	-12.58	86.	101.	86.	LOW	84.	79.	82.
13 1 53	-40.00	-.35	.20	-.08	-.0	-12.58	85.	105.	87.	LOW	84.	80.	82.
13 4 1 58	-40.00	-.35	.12	-.11	.1	-12.70	85.	73.	88.	LOW	86.	81.	83.
13 4 1 58	-40.00	-.33	.20	-.11	.1	-12.51	86.	89.	86.	LOW	86.	82.	82.
13 2 3	-40.00	-.16	.27	-.09	0.0	-12.43	86.	92.	86.	LOW	82.	82.	82.
13 4 2 8	-40.00	-.16	.29	-.20	0.0	-12.43	86.	88.	87.	LOW	85.	82.	81.
13 2 13	-40.00	-.66	0.00	-.12	0.0	-12.49	86.	78.	86.	LOW	84.	80.	82.
13 2 18	-40.00	-.41	.12	-.11	.0	-12.68	86.	85.	86.	LOW	84.	81.	82.
13 2 23	-40.00	-.31	.39	-.11	.0	-12.58	86.	90.	86.	LOW	86.	82.	86.
13 4 6	-40.00	-.39	.49	-.10	-.1	-12.46	85.	97.	87.	LOW	85.	80.	84.
13 4 11	-40.00	-.20	.16	1.27	0.0	-12.43	85.	51.	86.	LOW	84.	80.	84.
13 4 11	-40.00	-.20	.20	1.25	.0	-12.48	85.	54.	86.	LOW	84.	79.	82.
13 4 16	-40.00	-.20	.35	1.22	.1	-12.52	86.	112.	84.	LOW	85.	79.	83.
13 4 21	-40.00	-.20	.29	.53	.0	-12.51	87.	138.	86.	LOW	85.	80.	88.
13 4 26	-40.00	-.20	.20	-.11	-.1	-12.58	87.	123.	87.	LOW	85.	80.	88.
13 4 31	-40.00	-.39	.20	-.11	-.1	-12.58	87.	127.	87.	LOW	85.	78.	80.
13 4 31	-40.00	-.35	.22	-.11	-.1	-12.46	87.	203.	86.	LOW	85.	78.	82.
13 4 42	-40.00	-.51	.27	-.11	.1	-12.46	87.	162.	86.	LOW	85.	79.	82.
13 4 47	-40.00	-.39	.23	-.11	-.0	-12.46	86.	46.	86.	LOW	84.	79.	82.
13 4 52	-40.00	-.43	.25	-.11	-.0	-12.57	87.	64.	86.	LOW	84.	79.	83.
13 4 65	-40.00	-.47	.39	-.12	-.3	-12.49	87.	86.	87.	LOW	80.	80.	82.
13 5 2	-40.00	-.39	.27	-.12	-.1	-12.54	87.	84.	87.	LOW	82.	80.	82.
13 5 7	-40.00	-.35	.68	-.12	0.0	-12.55	85.	71.	86.	LOW	82.	80.	82.
13 5 12	-40.00	-.27	.20	-.12	.0	-12.60	86.	77.	86.	LOW	82.	77.	82.
13 5 17	-40.00	-.20	.23	-.09	.2	-12.55	85.	64.	86.	LOW	79.	81.	77.
13 5 22	-40.00	-.20	.25	-.10	.0	-12.55	87.	65.	86.	LOW	82.	80.	80.
13 5 27	-40.00	.04	.31	-.10	-.1	-12.43	87.	86.	88.	LOW	82.	81.	84.
13 5 32	-40.00	-.08	.33	-.11	-.0	-12.42	86.	85.	81.	LOW	82.	79.	83.
13 5 37	-39.96	-.16	.16	-.11	.2	-12.70	84.	74.	87.	LOW	82.	80.	82.
13 5 42	-39.53	-.18	.22	.56	.2	-12.49	35.	98.	87.	LOW	84.	80.	80.
13 5 47	-40.00	-.04	.23	1.36	.0	-12.36	86.	136.	86.	LOW	84.	83.	81.
13 5 52	-39.62	-.10	.16	1.06	.1	-12.30	85.	96.	85.	LOW	84.	82.	81.
13 5 57	-40.00	.23	.27	.74	.2	-12.17	87.	134.	87.	LOW	85.	80.	80.
13 6 7	-40.00	.23	.25	.74	.1	-12.18	87.	142.	87.	LOW	85.	80.	82.
13 6 7	-40.00	.23	.12	.58	.2	-12.35	87.	139.	88.	LOW	86.	79.	82.
13 6 12	-39.65	.25	.10	.57	.1	-12.27	86.	120.	88.	LOW	86.	81.	78.
13 6 17	-40.00	.47	.23	.56	.1	-12.46	84.	39.	85.	LOW	84.	80.	81.

TIME
H/M/S

07

EC 56	EC 57	EC 58	EC 59	EC 60	EC 65	PR 24	PR 25	PR 26	PR 27A	PR 27B	PR 28	PR 13
PRESS	PRESS	PRESS	PRESS	PRESS	STATIC	TEMP	TEMP	TEMP	TEMP	TEMP	TEMP	TEMP
RAM AR	RAM AR	RAM AR	RAM AR	RAM AR	STATIC	AIR	AIR	AIR	AIR	AIR	AIR	AIR
PRIMRY	PRIMRY	PRIMRY	PRIMRY	PRIMRY	RAM	INLET	INLET	SURFAC	SURFAC	CONFL	INLET	CSO
HX	HX	HX	HX	4X	AIR	AUX	CONFL	LIP	CCWL	LIP	SPIKE	L/HENG
MSUB	MSUB	MSUB	HEADER	HEADER		LIP	LIP	L/H	L/H	L/H	TIP	
NLET	NLET	NLET	INLET	OUTLET								
13 6 22	13 6 22	13 6 22	13 6 22	13 6 22	13 6 22	13 6 22	13 6 22	13 6 22	13 6 22	13 6 22	13 6 22	13 6 22
-39.94	.27	.18	.56	.1	-12.35	83.	87.	85.	LOW	82.	77.	81.
-39.92	.16	.16	.56	-.1	-12.28	88.	194.	90.	LCM	87.	84.	82.
-39.96	.18	.27	.57	.0	-12.21	88.	173.	98.	LCM	87.	84.	82.
-39.73	.08	.28	.57	8.8	-12.29	86.	173.	98.	LCM	87.	79.	82.
-39.16	-.08	.16	.59	.1	-12.45	86.	56.	85.	LOW	81.	79.	82.
-39.92	.23	.35	.58	.2	-12.26	82.	77.	85.	LOW	84.	77.	88.
-39.96	.14	.37	.57	.3	-12.38	81.	98.	86.	LOW	84.	77.	88.
-40.00	.12	.16	.73	-.0	-12.17	84.	134.	86.	LOW	79.	82.	81.
-40.60	.04	.22	.73	.0	-12.21	83.	122.	88.	LOW	87.	82.	79.
-40.80	.31	.12	1.16	.1	-12.14	82.	134.	88.	LOW	86.	82.	81.
-39.92	.29	.22	1.24	.1	-12.18	84.	185.	88.	LOW	86.	79.	76.
-39.77	.16	.16	1.54	.1	-12.29	86.	138.	87.	LCM	85.	78.	78.
-39.68	.14	.25	1.65	.2	-12.24	86.	133.	84.	LCM	82.	77.	78.
-39.94	.39	.35	2.06	.2	-12.32	86.	152.	86.	LCM	84.	78.	88.
-39.47	.31	.29	2.07	.2	-12.35	84.	58.	88.	LOW	84.	78.	88.
-40.00	.39	.23	1.98	.1	-12.38	82.	119.	88.	LOW	84.	83.	82.
-40.60	.43	.18	1.58	.1	-12.36	83.	147.	87.	LOW	86.	88.	82.
-40.80	.47	.39	1.27	.1	-12.26	82.	113.	86.	LOW	85.	88.	82.
-39.98	.49	.39	1.29	.1	-12.27	85.	49.	89.	LOW	87.	88.	82.
-39.61	.27	.27	1.29	-.5	-12.27	83.	202.	86.	LOW	84.	88.	82.
-39.20	.41	.31	1.38	-.2	-12.16	86.	113.	86.	LOW	84.	81.	82.
-37.61	.29	.59	1.30	.1	-12.35	87.	56.	86.	LOW	79.	86.	84.
-38.1E	.29	.41	1.38	.1	-12.26	87.	52.	85.	LCM	81.	84.	83.
-38.40	.47	.23	.52	.0	-12.32	83.	93.	85.	LCM	83.	78.	85.
-38.34	.33	.20	.55	.2	-12.39	83.	97.	87.	LOW	85.	79.	85.
-37.93	.27	.31	.71	.2	-12.46	88.	98.	88.	LOW	85.	88.	88.
-37.91	.31	.31	.79	.2	-12.38	82.	89.	87.	LOW	85.	79.	89.
-37.42	.31	.27	.87	.2	-12.73	89.	87.	83.	LOW	82.	82.	91.
-38.0E	.35	.18	.86	.2	-12.46	90.	85.	84.	LOW	82.	81.	92.
-36.79	.43	.35	.85	-.1	-12.26	88.	85.	84.	LOW	82.	83.	93.
-36.62	.45	.45	.85	.0	-12.38	88.	86.	84.	LOW	84.	82.	94.
-38.59	.59	.39	.87	.2	-12.14	89.	87.	82.	LOW	83.	81.	98.
-37.79	.51	.29	.86	.2	-12.24	89.	87.	82.	LOW	83.	82.	96.
-36.64	.43	.27	.85	.1	-12.23	89.	86.	82.	LOW	84.	82.	101.
-36.79	.43	.43	.86	.1	-12.24	91.	87.	82.	LOW	85.	81.	99.
-37.22	.63	.35	.85	.0	-12.23	90.	85.	82.	LCM	85.	82.	109.
-36.95	.55	.33	.86	.0	-12.24	91.	86.	82.	LOW	83.	81.	111.
-37.61	.51	.16	.85	.2	-12.11	93.	89.	82.	LOW	84.	81.	99.
-37.38	.59	.16	.86	.1	-12.14	92.	89.	82.	LOW	84.	77.	105.
-35.87	.78	.12	.84	.1	-12.26	93.	86.	82.	LOW	82.	78.	118.
-35.84	.74	.22	.84	.1	-12.17	92.	86.	81.	LOW	82.	78.	111.
-37.4E	.65	.31	.84	.1	-12.23	93.	86.	81.	LOW	82.	74.	108.
-37.77	.55	.18	.85	.2	-12.38	94.	87.	83.	LCM	83.	77.	106.
-36.87	.47	.12	.86	.2	-12.14	93.	89.	81.	LOW	84.	82.	116.
-36.70	.53	.14	.85	.1	-12.13	93.	88.	81.	LOW	85.	82.	116.
-38.20	.70	.16	.95	.1	-12.28	90.	89.	79.	LOW	83.	81.	121.
-37.65	.61	.16	.91	.2	-12.26	92.	89.	80.	LCM	83.	81.	122.
-36.64	.66	.27	.86	0.0	-12.17	95.	84.	80.	LOW	82.	80.	121.
-37.11	.65	.25	.85	.1	-12.18	95.	86.	80.	LCM	82.	80.	123.

TIME M/H/S	EC 56 PRESS RAM AR PRIMRY MX MSUB NLET	EC 57 PRESS RAM AR PRIMRY MX MSUB NLET	EC 58 PRESS RAM AR PRIMRY MX MSUB NLET	EC 59 PRESS STATIC PRIMRY MX HEADER INLET	EC 50 PRESS STATIC PRIMRY MX HEADER OUTLET	EC 65 PRESS STATIC RAM AIR	PR 24 TEMP AIR INLET AUX LIP	PR 25 TEMP AIR INLET COHL LIP L/H	PR 26 TEMP SURFAC AUX LIP L/H	PR 27A TEMP SURFAC CCWL LIP L/H 25 DEG	PR 27B TEMP SURFAC COHL LIP L/H 59 DEG	PR 20 TEMP AIR INLET SPIKE TIP	PR 13 TEMP CSD L/HENG
13 10 29	-37.07	.63	.23	.05	.2	-12.23	92.	05.	79.	LO4	02.	88.	125.
13 10 34	-36.75	.63	.25	.04	.1	-12.24	95.	06.	80.	LCM	02.	80.	121.
13 10 39	-37.42	.47	.12	.04	.3	-12.40	99.	09.	79.	LCM	00.	78.	123.
13 10 44	-37.65	.53	.14	.04	.3	-12.38	97.	91.	84.	LCM	00.	81.	124.
13 10 49	-36.64	.47	.27	.04	.3	-12.40	95.	90.	80.	LCM	02.	81.	134.
13 10 54	-38.52	.57	.20	.05	.3	-12.36	96.	89.	83.	LCM	04.	84.	125.
13 11 43	-39.51	.70	.20	1.42	.3	-12.32	101.	95.	76.	LCM	09.	85.	138.
13 11 48	-38.66	.43	.14	1.52	.3	-12.33	101.	90.	76.	LCM	06.	82.	135.
13 11 50	-36.36	.43	.12	1.70	.3	-12.23	103.	90.	76.	LCM	77.	74.	137.
13 12 3	-36.11	.43	.14	1.77	.3	-12.24	103.	90.	78.	LCM	02.	77.	135.
13 12 3	-37.81	.86	.35	1.92	.1	-12.32	102.	91.	70.	LCM	74.	76.	139.
13 12 3	-37.51	.70	.35	2.80	.2	-12.27	101.	90.	73.	LCM	77.	76.	140.
13 12 8	-37.31	.60	.16	2.52	.1	-12.40	106.	91.	85.	LCM	79.	84.	132.
13 12 13	-35.31	.70	.20	2.64	.1	-12.38	105.	90.	82.	LCM	80.	78.	130.
13 12 18	-35.43	.80	.20	2.89	.1	-12.32	106.	90.	80.	LCM	80.	80.	138.
13 12 20	-36.95	.88	.25	2.89	.1	-12.38	104.	91.	84.	LCM	82.	81.	137.
13 12 33	-36.32	.90	.23	2.85	.2	-12.35	105.	92.	82.	LCM	86.	75.	141.
13 12 38	-36.13	1.00	.29	2.86	.1	-12.23	101.	93.	76.	LCM	88.	80.	140.
13 12 43	-36.21	.59	.31	2.84	.1	-12.11	104.	91.	81.	LCM	80.	83.	146.
13 12 43	-36.51	.72	.35	2.84	.1	-12.23	107.	91.	84.	LCM	82.	82.	136.
13 12 53	-35.97	1.06	.16	2.88	.0	-12.35	106.	90.	80.	LCM	83.	82.	139.
13 12 58	-36.11	.66	.14	2.83	.1	-12.45	105.	90.	80.	LCM	79.	74.	147.
13 13 3	-35.54	.74	.27	2.70	.0	-12.26	105.	86.	80.	LCM	76.	74.	148.
13 13 9	-36.85	.68	.22	2.71	.1	-12.17	108.	88.	81.	LCM	78.	76.	151.
13 13 14	-35.54	.59	.27	2.72	.2	-12.30	108.	88.	81.	LCM	83.	83.	153.
13 13 19	-35.78	.80	.16	2.72	.0	-12.30	112.	95.	86.	LCM	84.	79.	141.
13 13 24	-35.61	.94	.08	2.80	.3	-12.70	112.	93.	85.	LCM	82.	82.	142.
13 13 29	-35.82	.90	.20	2.79	.2	-12.46	108.	94.	79.	LCM	85.	87.	154.
13 13 34	-34.76	.90	.43	2.85	.3	-12.46	110.	95.	82.	LCM	87.	84.	145.
13 13 39	-35.52	.94	.33	2.86	.2	-12.36	110.	93.	85.	LCM	88.	89.	148.
13 13 44	-35.71	.59	.12	2.91	.2	-12.26	110.	93.	85.	LCM	88.	84.	160.
13 13 49	-36.01	.76	.20	2.72	.1	-12.20	109.	92.	82.	LCM	84.	80.	162.
13 13 54	-35.39	.82	.04	2.67	.0	-12.43	109.	92.	83.	LCM	85.	84.	157.
13 13 59	-35.95	.94	.20	2.77	.2	-12.35	112.	91.	81.	LCM	85.	75.	153.
13 14 4	-36.05	.78	.15	2.76	.2	-12.35	112.	92.	82.	LCM	83.	77.	151.
13 14 9	-35.66	.86	.00	2.76	.2	-12.64	113.	84.	86.	LCM	88.	80.	160.
13 14 14	-35.33	.88	.14	2.72	.2	-12.46	112.	88.	84.	LCM	82.	85.	162.
13 14 19	-35.33	.88	.14	2.72	.2	-12.46	111.	93.	81.	LCM	78.	83.	170.
13 14 24	-36.32	.96	.14	2.85	.2	-12.33	111.	92.	84.	LCM	81.	83.	170.
13 14 34	-36.03	1.17	.23	2.85	.0	-12.26	117.	92.	84.	LCM	86.	80.	159.
13 14 39	-35.27	1.04	.14	2.86	.0	-12.26	114.	92.	84.	LCM	85.	82.	167.
13 14 44	-35.31	.98	.31	2.95	.2	-12.17	116.	90.	80.	LCM	82.	79.	159.
13 14 49	-33.80	.90	.16	2.78	.2	-12.23	116.	91.	80.	LCM	83.	82.	164.
13 14 54	-34.92	1.06	.23	2.72	.2	-12.32	113.	91.	70.	LCM	83.	84.	167.
13 15 4	-34.71	1.04	.22	2.73	.1	-12.29	112.	90.	84.	LCM	82.	81.	166.
13 15 9	-33.82	.78	.04	2.83	.1	-12.26	117.	90.	80.	LCM	84.	80.	158.
13 15 14	-34.04	.94	.14	2.83	.1	-12.26	119.	93.	84.	LCM	88.	82.	160.
13 15 19	-35.11	.94	.16	2.86	.1	-12.35	116.	96.	82.	LCM	88.	80.	170.

TIME H/M/S	EC 56 PRESS RAM 45 PRIMRY HX MSUB NLET	EC 57 PRESS RAM 45 PRIMRY HX MSUB NLET	EC 58 PRESS RAM 45 PRIMRY HX MSUB NLET	EC 59 PRESS STATIC PRIMRY HX HEADER INLET	EC 60 PRESS STATIC PRIMRY 4X HEADER OUTLET	EC 65 PRESS STATIC RAM AIR	PR 24 TEMP AIR INLET AUX LIP	PR 25 TEMP AIR INLET CONL LIP L/H	PR 26 TEMP SURFAC AUX LIP L/H	PR 27A TEMP SURFAC CONL LIP L/H 55 DEG	PR 27B TEMP SURFAC CONL LIP L/H 59 DEG	PR 28 TEMP AIR INLET SPIKE TIP	PR 13 TEMP CSO L/H/ENG
13 15 19	-34.86	.88	.22	2.85	.2	-12.39	116.	95.	78.	LOW	85.	84.	160.
13 15 24	-35.17	.78	.84	2.88	.1	-12.32	119.	94.	76.	LCM	81.	77.	170.
13 15 29	-34.84	.61	.12	2.88	.2	-12.24	121.	95.	83.	LOW	83.	81.	170.
13 15 34	-36.17	.78	.23	2.90	0.0	-12.17	119.	95.	75.	LOW	80.	76.	165.
13 15 39	-35.11	.68	.20	2.93	.1	-12.18	119.	96.	77.	LOW	83.	81.	168.
13 15 44	-33.98	.43	.08	2.90	.1	-12.23	121.	96.	80.	LOW	86.	84.	157.
13 15 50	-34.18	.66	.25	2.73	.0	-12.24	121.	97.	79.	LOW	85.	83.	167.
13 15 55	-33.70	.63	.00	2.71	0.0	-12.23	121.	99.	80.	LOW	86.	85.	176.
13 16 0	-33.55	.80	.04	2.73	.1	-12.21	123.	99.	85.	LOW	85.	86.	176.
13 16 5	-34.29	.63	.12	2.75	.3	-12.61	124.	99.	85.	LOW	86.	87.	178.
13 16 10	-34.23	.78	.86	2.75	.2	-12.54	123.	97.	78.	LOW	83.	83.	177.
13 16 15	-34.57	.74	-.08	2.76	.2	-12.28	127.	96.	79.	LOW	79.	86.	183.
13 16 20	-34.62	.66	.12	2.71	.2	-12.28	125.	96.	78.	LOW	81.	86.	187.
13 16 25	-34.86	.78	-.04	2.81	.0	-12.14	126.	97.	82.	LOW	86.	84.	176.
13 16 30	-34.76	.92	.84	2.88	.0	-12.16	126.	97.	80.	LOW	84.	84.	179.
13 16 35	-35.54	.78	.27	2.84	.1	-12.23	123.	96.	69.	LOW	78.	72.	176.
13 16 40	-35.54	.78	.20	2.85	.2	-12.23	125.	97.	71.	LOW	80.	77.	175.
13 16 53	-34.33	.51	.16	2.93	.2	-12.29	125.	90.	75.	LOW	78.	78.	178.
13 16 58	-35.11	.39	.18	2.76	.2	-12.30	127.	95.	78.	LOW	76.	88.	177.
13 16 59	-35.11	.39	.18	2.76	.2	-12.30	127.	99.	76.	LOW	86.	86.	180.
13 17 0	-35.11	.43	.31	2.73	.1	-12.28	127.	98.	78.	LOW	85.	85.	188.
13 17 5	-34.29	.49	.29	2.76	.0	-12.26	128.	98.	78.	LOW	86.	86.	188.
13 17 10	-32.53	1.09	.16	2.84	-.0	-13.17	128.	95.	74.	LOW	78.	81.	184.
13 17 18	-33.86	.86	.22	2.89	-.1	-12.71	128.	97.	74.	LOW	78.	79.	179.
13 17 19	-33.47	.78	.27	2.87	-.0	-12.23	129.	99.	74.	LOW	82.	86.	186.
13 17 20	-34.70	.76	.12	2.88	-.0	-12.32	129.	99.	77.	LOW	82.	85.	183.
13 17 25	-35.00	1.68	.39	2.90	.1	-12.35	138.	101.	76.	LOW	89.	85.	181.
13 17 30	-35.95	1.66	.28	2.90	.1	-12.27	127.	99.	75.	LOW	84.	79.	178.
13 17 40	-35.35	1.41	.31	2.89	.3	-12.23	127.	101.	81.	LOW	82.	82.	181.
13 17 45	-35.29	1.43	.23	2.85	.2	-12.24	128.	99.	81.	LOW	82.	83.	184.
13 17 50	-35.86	1.80	.28	2.87	0.0	-12.32	127.	98.	76.	LOW	86.	78.	176.
13 17 55	-35.48	1.72	.22	2.72	.1	-12.32	128.	99.	77.	LOW	84.	79.	177.
13 17 59	-36.43	1.64	.35	2.71	.4	-12.14	126.	99.	76.	LOW	77.	85.	194.
13 18 0	-37.11	1.54	.31	2.72	.3	-12.23	125.	98.	71.	LOW	78.	82.	192.
13 18 5	-37.50	1.49	.08	2.72	.1	-12.23	128.	90.	73.	LOW	76.	76.	185.
13 18 10	-37.50	1.41	.04	2.73	.1	-12.32	129.	94.	74.	LOW	78.	79.	189.
13 18 15	-36.48	1.82	.12	2.64	.1	-12.11	132.	102.	77.	LOW	77.	84.	178.
13 18 20	-36.66	.88	.16	2.67	.1	-12.24	133.	101.	78.	LOW	79.	81.	181.
13 18 26	-35.97	.88	.04	2.77	.3	-12.43	129.	96.	74.	LOW	79.	75.	191.
13 18 31	-36.50	.51	.18	2.78	.1	-12.38	130.	98.	78.	LOW	82.	84.	198.
13 18 36	-36.83	.98	.08	2.83	.2	-12.32	126.	97.	76.	LOW	74.	82.	199.
13 18 41	-36.36	.80	.14	2.86	.1	-12.32	128.	97.	76.	LOW	77.	83.	199.
13 18 46	-35.70	.70	.27	2.91	.1	-12.32	134.	97.	81.	LOW	84.	84.	191.
13 18 51	-35.42	.96	.25	2.74	.1	-12.21	133.	99.	79.	LOW	81.	82.	187.
13 18 56	-34.33	.74	.16	2.73	.1	-12.20	132.	97.	74.	LOW	80.	82.	188.
13 19 1	-35.95	.90	.27	2.69	-.0	-12.26	131.	98.	77.	LOW	80.	83.	193.
13 19 6	-36.72	.86	.31	2.82	0.0	-12.32	129.	97.	77.	LOW	76.	76.	191.
13 19 11	-37.05	.72	.31	2.82	-.0	-12.30	128.	97.	80.	LOW	78.	78.	193.
13 19 16	-37.69	.47	.84	2.87	.2	-12.23	128.	97.	80.	LOW	76.	75.	194.
13 19 21	-37.25	.70	.06	2.42	.2	-12.24	130.	97.	81.	LOW	79.	81.	198.

TIME H/M/S	EC 56 PRESS RAM AR PRIMARY HX MSUB NLET	EC 57 PRESS RAM AR PRIMARY HX MSUB NLET	EC 58 PRESS RAM AR PRIMARY HX MSUB NLET	EC 59 PRESS STATIC PRIMARY HX HEADER INLET	EC 50 PRESS STATIC PRIMARY HX HEADER OUTLET	EC 55 PRESS STATIC RAM AIR	PR 24 TEMP AIR INLET AUX LIP	PR 25 TEMP AIR INLET COHL LIP	PR 26 TEMP SURFAC AUX LIP L/M	PR 27A TEMP SURFAC COHL LIP L/M	PR 27B TEMP SURFAC COHL LIP L/M	PR 28 TEMP AIR INLET SPIKE TIP	PR 13 TEMP CSC L/MENG
13 22 24	-36.21	1.06	.31	.99	.2	-12.02	130.	96.	81.	LOW	81.	79.	285.
13 22 29	-35.67	.74	.29	.91	.1	-12.16	127.	97.	79.	LOW	81.	82.	212.
13 22 34	-34.13	.78	.39	.87	.3	-12.35	118.	100.	79.	LOW	82.	63.	289.
13 22 39	-33.98	.57	.39	.86	.1	-12.21	118.	96.	01.	LOW	81.	79.	211.
13 22 44	-33.84	.51	.23	.84	.1	-12.29	121.	93.	84.	LOW	80.	80.	286.
13 22 49	-32.98	.39	.12	.85	.0	-12.24	121.	95.	02.	LOW	79.	79.	206.
13 22 54	-33.31	.59	.39	.87	.0	-12.14	123.	95.	04.	LOW	84.	84.	213.
13 22 59	-32.73	.72	.39	.85	.2	-12.20	122.	90.	81.	LOW	83.	83.	213.
13 23 4	-32.73	.55	.12	.78	.2	-12.46	119.	95.	00.	LOW	80.	78.	209.
13 23 10	-32.39	.57	.14	.81	.1	-12.32	116.	95.	79.	LOW	77.	78.	214.
13 23 15	-33.47	.74	.31	.87	.1	-12.35	117.	95.	76.	LOW	78.	79.	215.
13 23 20	-33.37	.70	.29	.87	.1	-12.24	117.	98.	77.	LOW	76.	79.	212.
13 23 25	-31.95	.43	.27	.85	.1	-12.17	123.	99.	81.	LOW	02.	88.	217.
13 23 30	-32.30	.51	.29	.87	.1	-12.16	123.	99.	78.	LOW	81.	84.	217.
13 23 35	-31.91	.55	.04	.84	.0	-12.40	128.	95.	83.	LOW	02.	79.	214.
13 23 40	-31.53	.25	.02	.84	.0	-12.32	126.	97.	81.	LOW	81.	81.	216.
13 23 45	-30.26	.74	.31	.80	.2	-12.23	123.	99.	81.	LOW	84.	88.	219.
13 23 50	-30.81	.72	.22	.85	.2	-12.33	121.	98.	79.	LOW	88.	81.	217.
13 23 55	-30.34	.86	.23	.85	.3	-12.35	117.	95.	79.	LOW	80.	82.	224.
13 24 0	-29.95	.74	.10	.83	.2	-12.35	119.	96.	00.	LOW	80.	81.	217.
13 24 5	-29.95	.23	.23	.85	.0	-12.26	121.	98.	01.	LOW	88.	84.	226.
13 24 10	-29.26	.16	.27	.89	.1	-12.27	120.	96.	80.	LOW	79.	80.	224.
13 24 15	-29.12	.66	.23	.85	.2	-12.35	117.	96.	76.	LOW	79.	84.	238.
13 24 20	-29.17	.86	.29	.85	.1	-12.26	116.	95.	77.	LOW	79.	83.	229.
13 24 25	-29.17	.43	.31	.86	.1	-12.14	117.	95.	78.	LOW	79.	82.	219.
13 24 30	-29.26	.65	.25	.87	.1	-12.24	116.	96.	77.	LOW	78.	82.	223.
13 24 35	-29.13	1.02	.16	.86	.3	-12.40	119.	100.	82.	LOW	82.	86.	228.
13 24 40	-29.44	.74	.16	.86	.0	-12.30	118.	97.	01.	LOW	80.	81.	228.
13 24 45	-29.44	.12	.16	.86	.1	-12.20	114.	96.	76.	LOW	80.	85.	229.
13 24 50	-29.37	.04	.22	.86	.1	-12.27	113.	95.	76.	LOW	79.	83.	228.
13 24 55	-29.80	.86	.39	.86	.1	-12.32	119.	100.	84.	LOW	79.	84.	221.
13 25 0	-29.22	.80	.33	.86	.1	-12.30	118.	99.	79.	LOW	81.	87.	222.
13 25 5	-29.82	.63	.27	.83	.0	-12.26	116.	97.	76.	LOW	81.	82.	221.
13 25 10	-29.45	.72	.20	.83	.1	-12.29	119.	97.	68.	LOW	88.	82.	221.
13 25 15	-22.02	.66	.04	.81	.1	-12.35	121.	97.	78.	LOW	88.	82.	231.
13 25 20	-22.26	.80	.16	.83	.0	-12.26	121.	96.	79.	LOW	78.	81.	224.
13 25 25	-21.68	.59	.23	.84	.0	-12.23	127.	101.	88.	LOW	80.	82.	223.
13 25 30	-21.91	.63	.33	.84	.0	-12.29	123.	101.	78.	LOW	79.	82.	220.
13 25 35	-21.91	.86	.20	.85	.2	-12.30	121.	91.	80.	LOW	76.	83.	235.
13 25 40	-21.79	.72	.23	.86	.1	-12.24	122.	93.	79.	LOW	77.	82.	230.
13 25 45	-21.93	.63	.27	.85	.0	-12.23	127.	94.	89.	LOW	84.	04.	228.
13 25 50	-20.45	.29	.27	.85	.0	-12.23	123.	93.	83.	LOW	88.	83.	229.
13 25 55	-20.51	.70	.28	.83	.1	-12.32	126.	99.	83.	LOW	84.	88.	230.
13 26 0	-21.58	.80	.37	.83	.1	-12.35	126.	97.	85.	LOW	84.	88.	233.
13 26 5	-20.54	.47	.39	.86	.0	-12.70	124.	91.	79.	LOW	76.	76.	235.
13 26 10	-20.17	.39	.31	.84	.3	-12.43	125.	95.	82.	LOW	79.	83.	233.
13 26 15	-20.54	.55	.12	.85	.1	-12.43	124.	99.	79.	LOW	20.	82.	230.
13 26 20	-20.54	.51	.14	.84	.2	-12.57	125.	97.	83.	LOW	01.	83.	229.
13 26 25	-20.54	.59	.27	.86	.0	-12.35	120.	06.	77.	LOW	77.	79.	234.

TIME H/M/S	EC 56 PRESS RAM AR MX MSUB NLET	EC 57 PRESS RAM AR MX MSUB NLET	EC 58 PRESS RAM AR MX MSUB NLET	EC 59 PRESS STATIC PRIMRY MX HEADER INLET	EC 60 PRESS STATIC PRIMRY 4X HEADER OUTLET	EC 61 PRESS STATIC RAM AIR	PR 24 TEMP AIR INLET AUX LIP	PR 25 TEMP AIR INLET CONL LIP	PR 26 TEMP SURFAC AUX LIP	PR 27A TEMP SURFAC CONL LIP	PR 27B TEMP SURFAC CONL LIP	PR 26 AIR INLET SPIKE TIP	PR 13 TEMP CSD L/HENG
13 26 26	-30.62	.43	.22	.06	.1	-12.52	120.	92.	88.	LOW	78.	81.	230.
13 26 31	-30.58	.63	.35	.87	.1	-12.56	123.	99.	81.	LCM	78.	81.	224.
13 26 36	-30.28	.66	.41	.91	.2	-12.62	124.	97.	82.	LCM	81.	84.	228.
13 26 41	-30.56	-.04	.39	.86	-.0	-12.76	125.	93.	88.	LOW	78.	74.	239.
13 26 46	-30.28	.20	.31	.85	8.0	-12.38	124.	96.	79.	LCM	78.	76.	238.
13 49 8	-11.03	.27	.27	.84	.1	-12.35	118.	90.	78.	LCM	77.	88.	274.
13 49 13	-11.12	.37	.12	.83	.2	-12.29	117.	92.	79.	LCM	78.	85.	274.
13 49 18	-12.47	.23	-.04	.83	.3	-12.24	118.	94.	81.	LCM	78.	84.	265.
13 49 23	-11.69	.22	8.08	.86	.3	-12.23	118.	91.	89.	LCM	77.	82.	270.
13 49 28	-11.57	.59	.16	.91	.2	-12.29	117.	95.	79.	LCM	78.	84.	276.
13 49 33	-11.69	.65	.27	.89	.0	-12.49	117.	93.	79.	LCM	78.	83.	271.
13 49 38	-10.64	.51	.27	.87	-.1	-12.43	117.	84.	80.	LCM	74.	82.	274.
13 49 43	-10.89	.27	.22	.85	.0	-12.42	116.	89.	88.	LCM	76.	82.	278.
13 49 48	-12.12	.35	.28	.85	8.0	-12.23	119.	91.	82.	LCM	76.	81.	272.
13 49 53	-11.79	.31	.37	.85	8.0	-12.31	119.	98.	80.	LCM	76.	81.	278.
13 50 3	-11.46	.31	.16	.83	.1	-12.14	117.	93.	88.	LCM	79.	83.	268.
13 50 8	-11.93	.22	.08	.84	.2	-12.18	110.	94.	80.	LCM	78.	84.	265.
13 50 13	-11.93	.39	.47	.83	.1	-12.35	120.	90.	83.	LCM	78.	84.	272.
13 50 18	-12.20	.37	.45	.83	.1	-12.24	116.	91.	82.	LCM	78.	83.	269.
13 50 23	-12.16	.27	.47	.84	-.0	-12.46	117.	90.	80.	LCM	78.	85.	275.
13 50 28	-12.73	.27	.18	.84	-.0	-12.35	117.	94.	82.	LCM	88.	84.	278.
13 50 33	-14.00	-.04	.35	.87	.1	-12.40	114.	92.	83.	LCM	88.	85.	271.
13 50 38	-14.12	.22	.29	.86	.0	-12.39	115.	90.	79.	LCM	76.	84.	289.
13 50 43	-14.43	.31	.43	.83	-.1	-12.45	116.	91.	78.	LCM	77.	83.	283.
13 50 48	-13.06	0.00	.28	.82	.2	-12.20	115.	91.	80.	LCM	77.	84.	277.
13 50 53	-12.32	.22	.14	.84	.1	-12.17	115.	92.	79.	LCM	77.	85.	279.
13 50 58	-14.43	.55	.23	.86	.1	-12.32	110.	93.	77.	LCM	77.	82.	278.
13 51 4	-14.43	.39	.25	.83	.2	-12.23	115.	91.	73.	LCM	78.	83.	272.
13 51 9	-14.56	.66	-.04	.85	.1	-12.26	117.	95.	80.	LCM	82.	86.	270.
13 51 14	-14.49	.57	.14	.84	-.1	-12.33	117.	93.	81.	LCM	80.	85.	272.
13 51 19	-14.76	.31	.31	.83	.1	-12.35	116.	98.	81.	LCM	78.	86.	283.
13 51 24	-14.49	.22	.35	.82	.1	-12.35	115.	91.	80.	LCM	78.	85.	284.
13 51 29	-15.84	.47	.51	.85	-.1	-12.61	117.	96.	79.	LCM	77.	81.	271.
14 3 13	-27.92	.35	.31	1.29	-.0	-12.35	118.	258.	81.	LCM	76.	82.	288.
14 3 18	-40.60	.39	.16	1.39	-.1	-12.38	121.	239.	85.	LCM	82.	87.	283.
14 3 23	-40.00	.27	.16	1.66	-.1	-12.26	119.	266.	80.	LCM	81.	85.	279.
14 3 28	-40.00	.55	.20	1.39	-.1	-12.29	122.	141.	80.	LCM	74.	85.	276.
14 3 33	-40.00	.20	.18	1.81	-.1	-12.27	121.	119.	78.	LCM	76.	83.	279.
14 3 38	-40.00	.31	.04	2.47	8.0	-12.11	128.	97.	78.	LCM	81.	87.	275.
14 3 43	-40.00	.35	.14	2.47	-.1	-12.21	121.	97.	79.	LCM	78.	85.	282.
14 3 48	-40.00	.23	0.00	3.03	.1	-12.11	121.	98.	82.	LCM	79.	84.	282.
14 3 53	-40.61	.31	.18	3.46	-.1	-12.26	122.	97.	81.	LCM	79.	83.	277.
14 4 3	-40.00	.04	.16	3.95	-.6	-12.38	123.	95.	82.	LCM	80.	86.	266.
14 4 8	-40.00	-.16	.23	3.97	-.3	-12.36	121.	95.	81.	LCM	81.	86.	267.
14 4 13	-40.00	-.39	.04	4.00	.1	-12.21	116.	93.	74.	LCM	78.	77.	277.
14 4 18	-40.00	-.35	.12	3.98	.1	-12.23	116.	94.	74.	LCM	76.	77.	277.
14 4 23	-40.00	-.43	.20	4.00	.3	-12.24	116.	95.	66.	LCM	80.	82.	277.
14 4 28	-40.60	-.31	.10	3.91	-.3	-12.24	115.	94.	69.	LCM	81.	84.	279.

TIME H/M/S	07	EC 56 PRESS RAM AR PRIMRY HX MSUB NLET	EC 57 PRESS RAM AR PRIMRY HX MSUB NLET	EC 58 PRESS RAM AR PRIMRY HX MSUB NLET	E2 59 PRESS STATIC PRIMRY HX HEADER INLET	EC 60 PRESS STATIC PRIMRY 4X HEADER OUTLET	EC 65 PRESS STATIC RAM AIR	PR 24 TEMP AIR INLET AUX LIP	PR 25 TEMP AIR INLET COML LIP	PR 26 TEMP SURFAC AUX LIP	PR 27A TEMP SURFAC COML LIP	PR 27B TEMP SURFAC COML LIP	PR 28 TEMP AIR INLET SPIKE TIP	PR 13 TEMP CSU L/HENG
14 4 29		-40.00	.43	.12	3.92	-1	-12.23	117.	91.	72.	LOM	77.	74.	260.
14 4 34		-40.00	.23	.08	3.90	.1	-12.17	110.	93.	73.	LOM	82.	83.	271.
14 4 39		-40.00	0.00	.27	3.90	.2	-12.43	117.	96.	71.	LOM	79.	80.	260.
14 4 44		-40.00	-.16	.22	3.89	.2	-12.32	117.	96.	72.	LOM	81.	84.	262.
14 4 49		-40.00	.16	-.12	3.94	-.7	-12.11	117.	93.	71.	LOM	81.	89.	275.
14 4 54		-40.00	.08	-.10	3.93	-.3	-12.07	117.	94.	71.	LOM	80.	85.	267.
14 4 59		-40.00	-.08	.25	3.97	-.1	-12.17	120.	97.	69.	LOM	81.	84.	272.
14 5 4		-40.00	-.14	.20	3.88	.1	-12.26	123.	97.	73.	LOM	82.	84.	266.
14 5 9		-40.00	-.23	.20	3.94	.1	-12.34	123.	99.	72.	LOM	82.	84.	255.
14 5 14		-40.00	-.23	.29	3.85	-.1	-12.27	122.	97.	71.	LOM	82.	87.	257.
14 5 19		-40.00	-.27	.04	3.92	.2	-12.02	119.	95.	65.	LOM	74.	81.	266.
14 5 24		-40.00	-.23	.04	3.80	.1	-12.07	120.	97.	69.	LOM	77.	79.	260.
14 5 29		-40.00	.04	.12	3.86	-.3	-12.11	120.	96.	63.	LOM	82.	84.	259.
14 5 39		-40.00	.02	.14	3.84	-.3	-12.26	123.	96.	60.	LOM	81.	86.	261.
14 5 44		-40.00	.12	.16	3.79	0.0	-12.72	125.	96.	72.	LOM	82.	84.	255.
14 5 49		-40.00	.16	.08	3.85	0.0	-12.35	123.	96.	69.	LOM	79.	80.	256.
14 5 54		-40.00	.16	.16	3.76	-.6	-12.35	121.	95.	73.	LOM	82.	81.	254.
14 5 59		-40.00	.12	.23	3.79	-.3	-12.29	119.	94.	72.	LOM	80.	82.	257.
14 6 4		-40.00	.31	.55	1.20	.3	-12.43	119.	93.	74.	LOM	79.	78.	268.
14 6 9		-40.00	.45	.45	.99	.1	-12.38	120.	93.	75.	LOM	79.	79.	265.
14 6 14		-40.00	.27	.35	.89	-.6	-12.35	117.	91.	76.	LOM	80.	86.	260.
14 6 19		-40.00	.43	.37	.88	-.2	-12.36	116.	91.	78.	LOM	80.	85.	262.
14 6 24		-40.00	.20	.31	.87	-.0	-12.28	122.	94.	77.	LOM	79.	84.	268.
14 6 29		-40.00	.10	.31	.87	.1	-12.29	124.	92.	77.	LOM	77.	84.	261.
14 6 36		-40.00	.55	.43	.88	-.1	-12.20	127.	95.	78.	LOM	78.	82.	269.
14 6 41		-40.00	.82	.37	.84	-.1	-12.41	131.	97.	79.	LOM	79.	80.	268.
14 6 46		-40.00	-.55	.28	.84	.1	-12.29	133.	99.	78.	LOM	80.	82.	268.
14 6 51		-40.00	-.37	.00	.84	.0	-12.26	135.	99.	81.	LOM	80.	82.	270.
14 6 56		-40.00	-.66	.00	.78	-.2	-12.11	137.	98.	81.	LOM	77.	79.	277.
14 7 1		-40.00	-.41	.00	.81	-.1	-12.11	137.	98.	82.	LOM	79.	80.	271.
14 7 6		-40.00	-.59	.51	.81	.2	-12.41	136.	97.	82.	LOM	82.	80.	280.
14 7 11		-40.00	-.53	.33	.83	.1	-12.26	135.	98.	88.	LOM	82.	88.	282.
14 7 16		-40.00	-.20	.08	.83	-.0	-12.11	138.	101.	83.	LOM	83.	88.	272.
14 7 21		-40.00	-.22	.18	.82	.0	-12.14	136.	100.	83.	LOM	81.	83.	278.
14 7 26		-40.00	-.37	.12	.84	.0	-12.30	135.	101.	82.	LOM	82.	84.	280.
14 7 31		-40.00	-.60	.27	.80	.1	-12.36	136.	97.	82.	LOM	79.	81.	275.
14 7 36		-40.00	-.57	.31	.81	-.1	-12.46	136.	98.	81.	LOM	88.	81.	277.
14 7 42		-40.00	-.27	.31	.83	.0	-12.38	136.	96.	84.	LOM	88.	80.	279.
14 7 47		-40.00	-.29	.37	.82	.1	-12.36	134.	97.	84.	LOM	80.	82.	276.
14 7 52		-40.00	-.43	.31	.79	.1	-12.43	136.	98.	87.	LOM	82.	85.	271.
14 7 57		-40.00	-.22	.25	.82	.1	-12.29	135.	97.	85.	LOM	82.	85.	271.
14 8 2		-40.00	-.31	.31	.83	.0	-12.46	133.	95.	82.	LOM	82.	88.	286.
14 8 7		-40.00	-.53	.22	.88	-.1	-12.62	132.	131.	88.	LOM	82.	85.	282.
14 8 12		-40.00	-.31	.04	.86	-.3	-12.40	134.	95.	84.	LOM	81.	79.	284.
14 8 17		-40.00	-.31	.14	.88	-.1	-12.55	135.	247.	83.	LOM	81.	81.	278.
14 8 22		-40.00	-.23	.08	.86	-.2	-12.43	133.	99.	85.	LOM	82.	85.	275.
14 8 27		-40.00	-.45	.22	.86	-.1	-12.55	132.	92.	77.	LOM	81.	84.	279.
14 8 32		-40.00	-.23	.12	.91	.0	-12.17	128.	96.	83.	LOM	84.	82.	286.

TIME H/M/S	EC 56 PRESS RAM AR PRIMRY HX NSUB NLET	EC 57 PRESS RAM AR PRIMRY HX NSUB NLET	EC 58 PRESS RAM AR PRIMRY HX NSUB NLET	EC 59 PRESS STATIC PRIMRY HX HEADER INLET	EC 60 PRESS STATIC PRIMRY 1X HEADER OUTLET	EC 65 PRESS STATIC RAM AIR	PR 24 TEMP AIR INLET AUX LIP	PR 25 TEMP AIR INLET COML LIP L/M	PR 26 TEMP SURFAC AUX LIP L/M	PR 27A TEMP SURFAC COML LIP L/M 25 DEG	PR 27B TEMP SURFAC COML LIP L/M 59 DEG	PR 28 TEMP AIR INLET SPIKE TIP	PR 13 TEMP CSD L/HENG
14 18 4	-48.00	-23	-28	.09	-0	-12.27	131.	99.	81.	LOW	83.	83.	261.
14 18 4	-48.00	-66	0.00	.06	0.0	-12.20	133.	99.	79.	LOW	82.	85.	277.
14 18 9	-48.00	-41	.14	.06	0	-12.26	133.	96.	80.	LCM	80.	82.	288.
14 18 14	-48.00	-27	.04	.05	0.0	-12.30	132.	180.	84.	LOW	82.	86.	283.
14 18 19	-48.00	-39	.06	.07	-0.1	-12.30	131.	99.	83.	LOW	81.	84.	283.
14 32 7	-48.00	-31	.12	-0.00	-0.1	-12.35	136.	116.	88.	LOW	82.	84.	294.
14 32 13	-48.00	-23	.22	-0.00	-0	-12.42	134.	*000000.	86.	LOW	82.	86.	289.
14 32 18	-48.00	-27	.12	-0.12	-0.1	-12.55	120.	27.	82.	LCM	82.	88.	285.
14 32 23	-48.00	-27	.14	-0.14	-0.2	-12.49	127.	67.	83.	LCM	82.	87.	285.
14 32 28	-48.00	-55	.31	-0.05	-0.2	-12.58	124.	101.	84.	LCM	84.	86.	286.
14 32 33	-48.00	-49	.22	-0.09	-0.2	-12.60	122.	97.	84.	LOW	81.	85.	286.
14 32 38	-48.00	-39	0.00	-0.12	-0.2	-12.43	119.	848.	83.	LOW	84.	85.	286.
14 32 44	-48.00	-45	.20	-0.14	-0.1	-12.55	117.	459.	84.	LOW	83.	85.	286.
14 32 49	-48.00	-23	.00	-0.16	0.0	-12.32	110.	145.	88.	LCM	83.	86.	289.
14 32 54	-48.00	-43	.27	-0.14	-0.1	-12.55	112.	143.	77.	LOW	82.	86.	284.
14 32 59	-48.00	-39	.31	-0.16	0.0	-12.46	111.	125.	82.	LOW	82.	86.	283.
14 33 4	-48.00	-53	.31	-0.13	-0.2	-12.78	111.	101.	83.	LOW	82.	86.	282.
14 33 9	-48.00	-23	.04	-0.13	-0.1	-12.43	108.	107.	84.	LCM	82.	86.	288.
14 33 14	-48.00	-14	.00	-0.14	-0.1	-12.42	100.	100.	84.	LOW	83.	87.	288.

C COMMUTATOR

TIME H/M/S	PR 14 TEMP MASS GEAR CASE	PR 15 TEMP MASS MAIN FUEL CONTRL L/HENG	PR 29 TEMP SURFAC SPIKE TIP	PR 31 TEMP AIR INLET ANTI ICE FR FRA	EC 57 TEMP VANFLD VORTEX SENTR	AF 10 PRESS A/B FUEL CONTRL INLET	AF 11 PRESS A/B FUEL CONTRL OUTLET	SP 2 PRESS HYD OIL INLET UTL PUMP	SP 4 PRESS HYD OIL OUTLET UTL PUMP	SP 6 PRESS HYD OIL INLET PRIMRY PUMP	SP 8 PRESS HYD OIL OUTLET PRIMRY PUMP	AF 14 PRESS AIR FWD FUEL TANK	AF 18 PRESS FUEL OIL COOLER OUTLET L/HENG
13 1 1	84.	84.	170.	85.	88.	-16.	5.8	85.8	54.	92.	5.	.06	0.
13 1 12	84.	83.	171.	95.	85.	-24.	6.8	87.0	42.	92.	-5.	.85	1.
13 1 17	82.	84.	172.	85.	87.	-23.	5.9	88.3	34.	93.	10.	.53	-8.
13 1 22	83.	83.	171.	86.	86.	-20.	6.1	87.7	44.	93.	7.	.34	1.
13 1 27	80.	82.	171.	85.	85.	-16.	6.8	87.2	64.	91.	15.	.12	3.
13 1 32	77.	82.	171.	85.	85.	-40.	6.4	87.4	64.	92.	28.	.11	2.
13 1 38	84.	82.	172.	84.	84.	-18.	6.8	87.5	20.	92.	10.	.12	1.
13 1 48	82.	82.	171.	85.	82.	-18.	6.4	87.9	34.	92.	22.	.12	1.
13 1 53	82.	82.	170.	85.	85.	-23.	5.9	86.8	15.	92.	15.	.07	4.
13 1 58	82.	82.	171.	84.	85.	-20.	5.6	86.8	32.	92.	15.	.87	3.
13 2 3	82.	83.	171.	85.	84.	-20.	7.3	87.0	49.	93.	10.	.12	1.
13 2 8	82.	82.	188.	86.	86.	-33.	7.1	87.0	46.	93.	10.	.11	0.
13 2 13	83.	79.	178.	85.	82.	-20.	7.8	87.1	54.	92.	15.	-.01	2.
13 2 18	82.	82.	196.	86.	87.	-21.	6.8	87.5	44.	92.	10.	.04	-2.
13 2 23	82.	82.	199.	86.	85.	-21.	6.4	88.2	34.	92.	15.	.07	1.
13 2 28	82.	75.	636.	85.	85.	-18.	5.4	87.2	29.	92.	7.	.00	0.
13 2 33	83.	78.	742.	85.	82.	-21.	6.1	87.2	29.	92.	-5.	.13	0.
13 2 38	83.	82.	848.	86.	85.	-2.	6.8	87.7	29.	92.	27.	.12	1.
13 2 43	83.	82.	848.	85.	86.	1.	7.1	87.5	27.	92.	27.	.16	0.
13 2 48	82.	80.	848.	86.	89.	8.	7.8	87.2	34.	91.	39.	.13	1.
13 2 53	83.	82.	848.	85.	83.	6.	6.8	87.5	34.	91.	27.	.13	1.
13 2 58	82.	82.	848.	85.	87.	6.	5.9	87.7	20.	92.	15.	.44	1.
13 3 3	84.	82.	848.	84.	87.	3.	4.6	87.9	34.	92.	7.	.20	1.
13 3 8	83.	81.	848.	84.	90.	6.	5.8	84.9	39.	94.	8.	.07	-1.
13 3 13	82.	81.	848.	84.	90.	6.	7.1	74.3	34.	91.	-10.	.07	-1.
13 3 18	83.	83.	848.	90.	87.	6.	5.9	77.1	44.	81.	-44.	.22	1.
13 3 23	84.	83.	848.	87.	87.	5.	5.6	76.6	34.	81.	-27.	.18	1.
13 3 28	82.	82.	848.	85.	89.	4.	7.3	74.9	34.	82.	-27.	.06	0.
13 3 33	82.	82.	848.	85.	87.	3.	5.4	76.8	39.	81.	-15.	.11	0.
13 3 38	81.	83.	848.	84.	87.	2.	6.4	77.6	39.	81.	-24.	.19	-8.
13 3 43	84.	84.	848.	84.	85.	3.	6.1	76.9	29.	81.	-29.	.15	0.
13 3 48	82.	82.	848.	85.	85.	2.	5.9	78.0	44.	81.	-10.	.21	3.
13 3 53	82.	82.	848.	82.	87.	4.	6.8	77.8	34.	82.	-2.	.12	1.
13 3 58	84.	82.	848.	85.	85.	4.	6.4	75.6	34.	83.	0.	.48	1.
13 4 3	85.	80.	848.	85.	85.	4.	5.9	77.3	32.	82.	0.	.33	1.
13 4 8	83.	82.	848.	84.	86.	6.	5.9	77.3	29.	83.	5.	.25	1.
13 4 13	83.	81.	848.	84.	86.	2.	5.9	73.0	22.	83.	-44.	.06	0.
13 4 18	85.	84.	848.	85.	86.	4.	6.6	63.9	15.	83.	-24.	.08	0.
13 4 23	84.	82.	848.	84.	86.	2.	6.4	64.2	10.	84.	10.	.22	3.
13 4 28	84.	82.	848.	84.	88.	3.	6.4	64.5	7.	84.	2.	.10	2.
13 4 33	83.	83.	848.	83.	87.	8.	6.8	65.7	10.	84.	0.	.04	0.
13 4 38	83.	83.	848.	84.	86.	9.	7.3	65.7	2.	84.	0.	.12	0.
13 4 43	82.	83.	848.	79.	84.	8.	5.8	65.4	34.	84.	-10.	.16	0.

TIME M/M/S	PR 14 TEMP MASS GEAR CASE	PR 15 TEMP MASS MAIN FUEL CONTROL L/HENG	PR 29 TEMP SURFACE SPIKE TIP	PR 31 TEMP AIR INLET ANTI ICE FR FRA	EG 67 TEMP WAVELD VORTEX SEMIER	AF 10 PRESS A/B FUEL CONTROL INLET	AF 11 PRESS A/B FUEL CONTROL OUTLET	SP 2 PRESS HYD OIL INLET UTL PUMP	SP 4 PRESS HYD OIL OUTLET UTL PUMP	SP 6 PRESS HYD OIL INLET PRIMRY PUMP	SP 8 PRESS HYD OIL OUTLET PRIMRY PUMP	AF 14 PRESS AIR FMC FUEL TANK	AF 10 PRESS FUEL OIL COOLER OUTLET L/HENG
13 6 22	82.	77.	848.	82.	84.	7.	6.4	65.8	37.	84.	-7.	.15	8.
13 6 27	83.	88.	848.	84.	88.	0.	7.3	66.7	-10.	84.	0.	.21	0.
13 6 37	84.	85.	848.	84.	88.	3.	7.1	66.3	7.	84.	-24.	.21	0.
13 6 42	84.	82.	848.	84.	84.	4.	6.8	66.3	28.	85.	18.	.22	2.
13 6 47	83.	82.	848.	85.	85.	7.	6.6	66.1	27.	85.	18.	.17	2.
13 6 47	82.	80.	848.	85.	82.	18.	6.4	65.1	0.	84.	0.	.01	-5.
13 6 52	82.	80.	848.	85.	83.	9.	6.1	65.7	27.	85.	0.	.07	1.
13 6 57	81.	79.	848.	76.	84.	6.	5.4	66.6	26.	84.	0.	.16	-0.
13 7 2	81.	81.	848.	79.	79.	5.	7.1	66.6	22.	84.	0.	.16	0.
13 7 7	82.	79.	848.	85.	82.	18.	5.4	67.2	15.	84.	0.	.37	1.
13 7 12	82.	79.	848.	85.	83.	7.	4.4	67.0	10.	85.	-7.	.20	1.
13 7 18	83.	80.	848.	85.	83.	4.	4.9	65.8	15.	85.	-10.	.41	1.
13 7 23	82.	80.	848.	85.	82.	4.	5.4	66.3	28.	85.	-5.	.23	1.
13 7 28	84.	82.	848.	79.	84.	-2.	7.8	67.4	20.	85.	5.	.20	1.
13 7 33	83.	82.	848.	82.	83.	4.	7.6	67.5	24.	85.	0.	.17	1.
13 7 38	83.	82.	848.	82.	82.	2.	6.4	66.9	112.	85.	34.	.09	1.
13 7 43	84.	80.	848.	83.	83.	233.	5.9	65.5	1503.	84.	1498.	.07	2.
13 7 48	99.	81.	848.	84.	82.	1079.	5.4	67.2	2947.	83.	2854.	.09	13.
13 7 53	81.	81.	848.	84.	85.	1099.	6.4	66.3	2981.	84.	2938.	.15	17.
13 7 58	113.	83.	848.	84.	82.	1099.	7.8	66.3	2986.	84.	2869.	-0.1	23.
13 8 3	114.	83.	848.	84.	85.	1105.	5.9	66.8	3086.	84.	2962.	.13	28.
13 8 8	124.	84.	848.	84.	85.	1103.	7.3	66.7	2669.	85.	2933.	.16	47.
13 8 13	127.	88.	848.	84.	85.	1109.	8.	66.9	3067.	85.	3006.	.07	51.
13 8 18	124.	90.	848.	86.	80.	1112.	4.9	67.2	3079.	84.	2962.	.21	56.
13 8 23	119.	87.	848.	86.	81.	1109.	5.4	68.3	2984.	85.	2989.	.21	54.
13 8 28	188.	83.	848.	86.	78.	1114.	-5.	67.9	2977.	84.	2957.	.16	56.
13 8 33	187.	78.	848.	85.	82.	1114.	3.4	66.6	2984.	84.	2955.	.21	56.
13 8 43	180.	84.	848.	84.	90.	1116.	9.3	63.2	2889.	84.	2923.	.22	56.
13 8 48	183.	84.	848.	85.	90.	1113.	9.8	64.7	2945.	85.	2947.	.14	56.
13 8 53	183.	86.	848.	79.	87.	1118.	11.7	67.9	3069.	85.	2981.	.19	52.
13 8 58	181.	85.	848.	83.	87.	1112.	9.8	67.7	3067.	85.	2981.	.14	54.
13 9 3	96.	84.	827.	84.	89.	1112.	7.8	67.6	3094.	85.	3001.	.05	58.
13 9 13	99.	90.	848.	84.	90.	1110.	6.8	67.1	3048.	85.	2989.	.10	58.
13 9 18	97.	90.	848.	86.	90.	1116.	5.9	66.9	3030.	84.	2977.	.06	58.
13 9 23	101.	92.	848.	90.	87.	1114.	6.8	66.8	3040.	85.	2959.	.02	57.
13 9 28	100.	97.	848.	92.	91.	1112.	9.3	67.2	3025.	85.	2981.	.15	54.
13 9 28	100.	97.	848.	92.	91.	1116.	10.3	67.2	3018.	86.	3006.	.12	53.
13 9 28	95.	86.	848.	82.	92.	1117.	8.3	66.8	3081.	84.	2933.	.09	53.
13 9 33	97.	93.	848.	89.	92.	1111.	7.3	66.9	3040.	84.	2957.	.04	54.
13 9 38	97.	105.	848.	84.	91.	1118.	8.3	65.8	2928.	84.	2918.	.01	57.
13 9 43	102.	101.	848.	88.	90.	1116.	6.1	66.8	2986.	85.	2984.	.13	53.
13 9 48	95.	93.	848.	86.	92.	1139.	7.8	66.6	2986.	86.	2952.	.16	57.
13 9 53	94.	89.	848.	82.	92.	1137.	6.6	67.4	2979.	86.	2984.	.14	56.
13 9 59	103.	106.	848.	93.	93.	1120.	5.8	69.5	2972.	86.	3055.	.10	54.
13 10 4	100.	103.	581.	92.	94.	1117.	7.3	68.6	2952.	85.	2984.	.11	55.
13 10 9	106.	106.	177.	93.	93.	1112.	5.9	67.0	3086.	85.	2991.	.10	56.
13 10 22	104.	107.	208.	93.	93.	1115.	5.4	67.3	3084.	86.	2979.	.20	55.
13 10 19	105.	101.	231.	89.	93.	1116.	9.3	68.5	2977.	86.	2967.	.43	55.
13 10 24	106.	104.	225.	90.	93.	1113.	7.8	68.9	3030.	86.	2942.	.29	56.

TIME H/M/S	PR 14 TEMP MASS GEAR CASE	PR 15 TEMP MASS MAIN FUEL CONTROL LYNENG	PR 29 TEMP SURFAC SPIKE TIP	PR 31 TEMP AIR INLET ANTI ICE FR FRA	EC 67 TEMP 1AMFLO JORTX GENAIR	AF 10 PRESS A/B FUEL CONTROL INLET	AF 11 PRESS 4/B FUEL CONTROL OUTLET	SP 2 PRESS HYD OIL INLET UTL PUMP	SP 4 PRESS HYD OIL OUTLET UTL PUMP	SP 6 PRESS HYD OIL INLET PRIMRY PUMP	SP 8 PRESS HYD OIL OUTLET PRIMRY PUMP	AF 14 PRESS AIR FWD FUEL TANK	AF 18 PRESS FUEL OIL COOLER OUTLET LYNENG
13 10 29	102.	100.	210.	92.	97.	1114.	5.4	66.9	2920.	46.	2991.	.10	59.
13 10 34	101.	107.	215.	90.	96.	1110.	7.6	67.4	2933.	45.	3043.	.14	57.
13 10 39	107.	106.	228.	84.	90.	1110.	6.8	67.7	2991.	47.	2933.	.04	56.
13 10 44	104.	102.	231.	84.	93.	1112.	6.4	68.3	2962.	47.	2935.	.11	56.
13 10 49	105.	113.	231.	94.	93.	1116.	10.3	69.4	3035.	46.	2967.	.15	54.
13 10 54	104.	106.	242.	90.	94.	1113.	9.0	68.6	3000.	46.	2959.	.15	55.
13 11 43	104.	110.	198.	74.	98.	1103.	6.8	66.3	2906.	47.	3006.	.01	56.
13 11 48	108.	113.	199.	80.	99.	1108.	8.3	68.4	3025.	47.	2996.	.09	56.
13 11 50	105.	112.	190.	82.	93.	1101.	10.8	68.9	3006.	48.	2991.	.45	56.
13 12 3	108.	114.	197.	83.	94.	1104.	9.8	69.6	3025.	47.	3013.	.10	54.
13 12 3	116.	117.	196.	88.	93.	1107.	9.3	69.4	3140.	45.	2923.	.29	56.
13 12 8	117.	119.	197.	88.	91.	1110.	6.6	69.7	3033.	47.	2981.	.00	55.
13 12 13	106.	107.	202.	80.	90.	1118.	17.1	70.5	3189.	47.	2972.	.00	55.
13 12 18	112.	117.	204.	88.	88.	1113.	10.5	70.5	3011.	47.	3011.	.14	56.
13 12 28	115.	121.	208.	89.	91.	1107.	13.7	70.4	3120.	45.	2991.	.41	54.
13 12 33	111.	115.	205.	82.	92.	1110.	13.9	70.5	3091.	47.	2967.	.26	54.
13 12 38	117.	116.	202.	84.	90.	1110.	8.3	69.1	2947.	47.	3102.	.01	56.
13 12 38	114.	111.	222.	84.	91.	1103.	10.3	70.2	3025.	47.	3072.	.06	57.
13 12 43	124.	123.	231.	90.	85.	1109.	4.9	70.4	2952.	49.	3074.	.06	56.
13 12 48	121.	122.	236.	83.	88.	1104.	6.1	71.6	3013.	47.	3003.	.23	57.
13 12 53	112.	111.	230.	83.	90.	1101.	12.7	70.4	2401.	47.	3045.	.00	60.
13 12 58	112.	110.	230.	83.	90.	1100.	9.3	68.6	2853.	47.	3072.	.01	58.
13 13 3	123.	123.	218.	99.	87.	1107.	7.3	70.6	3050.	47.	2809.	.07	58.
13 13 9	123.	120.	219.	100.	86.	1134.	7.1	70.5	2991.	48.	2920.	.02	56.
13 13 14	125.	129.	213.	100.	87.	1103.	9.8	70.8	2952.	48.	3011.	.25	58.
13 13 19	124.	124.	211.	93.	87.	1108.	8.8	71.2	2999.	48.	2972.	.10	58.
13 13 24	121.	109.	223.	82.	90.	1095.	9.8	72.7	3006.	49.	2923.	.34	58.
13 13 29	121.	111.	222.	85.	90.	1097.	7.6	72.4	2979.	48.	2911.	.31	57.
13 13 34	132.	114.	217.	83.	89.	1101.	6.8	73.0	2937.	48.	2898.	.26	57.
13 13 39	129.	112.	237.	82.	89.	1101.	7.1	72.7	2352.	47.	2918.	.00	55.
13 13 44	130.	123.	235.	87.	92.	1109.	2.9	71.8	2962.	48.	2996.	.13	55.
13 13 49	132.	124.	239.	91.	89.	1108.	2.9	71.6	3062.	48.	2994.	.27	55.
13 13 54	134.	129.	248.	101.	86.	1105.	7.8	71.3	2942.	48.	3065.	.10	58.
13 13 59	132.	125.	229.	94.	89.	1104.	7.8	71.1	2915.	47.	3193.	.04	53.
13 14 4	126.	114.	207.	90.	93.	1091.	7.8	71.6	3162.	48.	2996.	.16	56.
13 14 9	127.	112.	205.	86.	92.	1093.	3.7	71.0	3140.	48.	2979.	.07	58.
13 14 14	133.	116.	207.	90.	91.	1107.	2.9	72.1	2854.	48.	3104.	.22	60.
13 14 19	136.	124.	209.	93.	90.	1109.	3.9	71.6	2911.	48.	3074.	.12	58.
13 14 24	141.	128.	207.	93.	88.	1110.	7.8	72.1	2962.	48.	3093.	.20	57.
13 14 34	132.	116.	204.	86.	84.	1103.	10.8	72.4	3025.	47.	2981.	.15	56.
13 14 39	137.	124.	202.	92.	87.	1105.	10.3	71.8	3104.	48.	2969.	.29	56.
13 14 44	134.	121.	208.	94.	88.	1099.	14.2	71.4	3350.	48.	3035.	.26	56.
13 14 49	136.	126.	206.	92.	89.	1103.	10.8	72.1	3085.	48.	2981.	.07	56.
13 14 54	145.	129.	214.	100.	85.	1101.	1.5	72.1	2462.	45.	2972.	.14	46.
13 15 4	141.	125.	216.	100.	85.	1101.	5.4	72.1	2836.	48.	3025.	.07	52.
13 15 9	132.	116.	209.	89.	90.	1099.	9.3	71.7	2874.	47.	2913.	.03	59.
13 15 14	136.	116.	209.	86.	90.	1099.	8.3	71.8	2871.	47.	3043.	.10	58.
13 15 19	141.	124.	203.	91.	89.	1101.	5.9	71.6	2352.	47.	2923.	.09	52.

TIME H/M/S	PR 14 TEMP MPSS GEAR CASE	PR 15 TEMP MASS MAIN FUEL CONTROL L/HENG	PR 29 TEMP SURFAC SPIKE TIP	PR 31 TEMP AIR INLET ANTI ICE FR FRA	IC 67 TEMP MANFLO JORTEX SEMIER	AF 10 PRESS A/B FUEL CONTROL INLET	AF 11 PRESS A/B FUEL CONTROL OUTLET	SP 2 PRESS HYD OIL INLET UTL PUMP	SP 4 PRESS HYD OIL OUTLET UTL PUMP	SP 6 PRESS HYD OIL INLET PRIMARY PUMP	SP 8 PRESS HYD OIL OUTLET PRIMARY PUMP	AF 14 PRESS AIR FMD FUEL TANK	AF 18 PRESS FUEL OIL COOLER OUTLET L/HENG
13 15 19	140.	122.	202.	43.	89.	1098.	8.3	71.6	2081.	88.	3011.	.16	55.
13 15 24	142.	127.	219.	131.	90.	1107.	5.9	71.1	2972.	86.	2923.	.06	58.
13 15 29	143.	124.	212.	92.	91.	1107.	4.6	71.3	2942.	87.	2935.	0.08	59.
13 15 34	139.	117.	198.	95.	87.	1093.	3.9	70.2	2933.	89.	2913.	.12	54.
13 15 39	140.	115.	189.	89.	89.	1100.	5.6	71.8	2958.	88.	2906.	.06	57.
13 15 44	141.	111.	185.	84.	94.	1095.	8.0	73.2	2962.	88.	3006.	-.01	58.
13 15 49	140.	112.	198.	86.	95.	1094.	8.8	73.1	2991.	89.	3003.	.12	59.
13 15 54	146.	121.	191.	82.	95.	1097.	4.4	72.6	2933.	89.	3099.	-.06	50.
13 16 0	146.	118.	192.	81.	95.	1079.	6.1	72.7	3043.	90.	3089.	.06	56.
13 16 5	147.	123.	191.	84.	96.	1137.	6.0	73.8	3038.	85.	2986.	.51	68.
13 16 10	141.	125.	191.	90.	93.	1135.	6.8	72.7	2974.	87.	3025.	.33	60.
13 16 15	149.	132.	189.	89.	95.	1118.	7.5	72.6	3050.	90.	2986.	-.16	57.
13 16 20	149.	132.	190.	92.	94.	1119.	1.3	72.7	2938.	88.	3082.	-.08	58.
13 16 25	143.	123.	219.	84.	95.	1099.	7.3	73.0	3162.	85.	2952.	.18	59.
13 16 30	148.	125.	206.	85.	95.	1101.	7.6	73.5	3021.	89.	2906.	.14	61.
13 16 35	147.	121.	185.	91.	86.	1097.	9.8	72.4	3189.	90.	2933.	.40	50.
13 16 40	144.	119.	186.	90.	98.	1096.	7.8	72.1	3045.	86.	2891.	.29	58.
13 16 53	149.	132.	189.	99.	89.	1107.	7.3	71.6	2869.	89.	3157.	.06	61.
13 15 58	149.	126.	188.	98.	91.	1103.	7.3	71.3	2896.	89.	3038.	.48	68.
13 56 55	147.	116.	187.	78.	94.	1099.	11.2	71.8	3068.	85.	2918.	-.23	61.
13 17 0	145.	120.	187.	81.	93.	1106.	8.3	72.4	3038.	89.	2911.	-.15	68.
13 17 10	152.	137.	188.	95.	90.	1093.	6.8	71.4	2983.	88.	2962.	.34	54.
13 17 15	150.	129.	187.	91.	98.	1038.	6.4	71.8	2981.	85.	2974.	.32	55.
13 17 20	156.	133.	187.	84.	91.	1107.	8.3	74.2	3162.	88.	2928.	0.08	62.
13 17 25	154.	128.	187.	82.	91.	1104.	7.1	74.3	3162.	81.	2972.	-.18	61.
13 17 30	151.	123.	182.	78.	92.	1099.	8.8	73.9	3016.	51.	3081.	.16	59.
13 17 35	149.	119.	188.	81.	91.	1108.	7.6	73.6	2952.	89.	3158.	0.08	58.
13 17 40	150.	120.	183.	81.	98.	1107.	9.3	73.2	3187.	89.	2972.	-.25	58.
13 17 45	153.	125.	182.	83.	90.	1109.	6.6	73.2	3077.	89.	3074.	-.18	58.
13 17 50	147.	117.	182.	83.	90.	1093.	6.4	73.3	2849.	87.	3167.	.07	60.
13 17 55	149.	117.	182.	81.	89.	1096.	6.6	73.8	3013.	87.	3096.	-.05	59.
13 18 0	156.	132.	185.	88.	90.	1109.	4.9	72.1	3184.	88.	2903.	.47	56.
13 18 5	154.	130.	181.	91.	98.	1106.	5.1	72.2	3083.	89.	3055.	.23	58.
13 18 10	156.	130.	186.	94.	88.	1107.	12.7	74.8	3079.	90.	2972.	-.21	60.
13 18 15	150.	130.	184.	92.	89.	1104.	18.3	74.8	3138.	89.	2986.	-.18	61.
13 18 20	150.	118.	184.	76.	94.	1103.	13.2	73.9	3143.	89.	2952.	-.51	56.
13 18 25	153.	113.	185.	79.	94.	1107.	18.5	72.1	3133.	88.	2981.	-.15	57.
13 18 30	156.	134.	183.	95.	86.	1101.	4.9	74.8	2947.	89.	2913.	.45	68.
13 18 35	151.	131.	182.	98.	90.	1105.	7.1	74.8	2981.	90.	3001.	.28	59.
13 18 40	158.	135.	181.	93.	91.	1109.	7.3	73.8	3294.	51.	2952.	-.23	57.
13 18 45	152.	135.	181.	93.	90.	1109.	7.1	73.3	3209.	85.	2977.	-.07	58.
13 18 50	153.	127.	183.	82.	93.	1105.	7.8	73.5	3081.	86.	2967.	.16	61.
13 18 55	151.	124.	182.	85.	91.	1105.	10.3	74.1	3099.	86.	2969.	.07	59.
13 19 0	150.	134.	181.	93.	91.	1101.	6.8	73.2	3133.	87.	2962.	.45	68.
13 19 5	160.	135.	180.	90.	90.	1097.	18.8	73.6	3158.	87.	2955.	.34	59.
13 19 10	157.	123.	182.	49.	86.	1103.	7.8	73.9	2952.	56.	2933.	.51	59.
13 19 15	160.	127.	182.	92.	88.	1105.	6.6	73.6	3048.	86.	2967.	.14	60.
13 19 20	160.	131.	186.	91.	86.	1097.	7.8	73.9	2879.	87.	3059.	-.22	56.
13 19 25	167.	130.	180.	86.	87.	1104.	8.3	73.6	2923.	88.	3079.	.03	57.

TIME H/M/S	PR 14 TEMP MASS GEAR CASE	PR 15 TEMP MASS MAIN FUEL CONTRL L/HENG	PR 29 TEMP SURFAC SPIKE TIP	PR 31 TEMP AIR INLET ANTI ICE FR FRA	IC 57 TEMP MANFLO VORTEX SENTR	AF 10 PRESS A/B FUEL CONTRL INLET	AF 11 PRESS A/B FUEL CONTRL OUTLET	SP 2 PRESS HYD OIL INLET UTL PUMP	SP 4 PRESS HYD OIL OUTLET UTL PUMP	SP 6 PRESS HYD OIL INLET PRIMARY PUMP	SP 8 PRESS HYD OIL OUTLET PRIMARY PUMP	AF 14 PRESS AIR FNC FUEL TANK	AF 10 PRESS FUEL OIL CCOLER OUTLET L/HENG
13 22 24	165.	127.	183.	88.	95.	1103.	4.9	72.1	3084.	89.	2898.	0.00	56.
13 22 29	166.	135.	190.	86.	100.	1109.	5.9	67.5	2986.	89.	2896.	.07	54.
13 22 34	154.	127.	198.	88.	102.	1113.	9.3	75.7	3025.	89.	3055.	.06	51.
13 22 39	159.	133.	196.	88.	100.	1109.	8.6	73.8	3043.	90.	2999.	.07	53.
13 22 44	156.	128.	200.	82.	97.	1112.	12.7	73.3	2996.	90.	2986.	.12	57.
13 22 49	157.	131.	197.	83.	96.	1118.	8.1	72.8	3080.	90.	2898.	.06	56.
13 22 54	160.	135.	196.	78.	98.	1118.	4.9	74.2	2913.	88.	2933.	.15	51.
13 22 59	156.	134.	194.	85.	93.	1107.	6.1	74.7	2969.	89.	2991.	.09	49.
13 23 4	160.	139.	196.	88.	91.	1111.	9.3	75.5	2952.	89.	3006.	.03	54.
13 23 10	161.	139.	196.	92.	94.	1116.	7.3	74.5	2979.	89.	2996.	.16	53.
13 23 15	161.	133.	195.	83.	94.	1115.	9.0	63.8	2988.	89.	2962.	.10	54.
13 23 20	162.	134.	200.	75.	111.	1112.	9.3	73.2	3081.	89.	3045.	.16	55.
13 23 25	161.	139.	202.	81.	113.	1112.	10.0	74.8	3023.	89.	3067.	.14	55.
13 23 30	160.	133.	198.	84.	114.	1110.	7.3	76.0	2981.	90.	2967.	.03	55.
13 23 35	163.	134.	207.	74.	99.	1112.	7.3	75.1	3060.	89.	3001.	.04	52.
13 23 40	163.	137.	201.	81.	98.	1113.	8.1	74.6	3018.	89.	2977.	.07	54.
13 23 45	169.	144.	194.	88.	93.	1109.	5.4	73.3	2928.	87.	2913.	.04	54.
13 23 50	163.	139.	196.	85.	94.	1118.	6.4	74.1	2959.	88.	2958.	.04	50.
13 23 55	167.	144.	199.	88.	95.	1118.	6.4	73.6	3016.	90.	3040.	.06	53.
13 24 0	165.	142.	199.	87.	93.	1117.	7.1	73.5	2989.	90.	2969.	.10	54.
13 24 5	170.	145.	201.	88.	92.	1110.	9.3	74.9	3016.	89.	3038.	.01	54.
13 24 10	167.	146.	195.	89.	93.	1113.	10.0	74.9	2994.	89.	2967.	.04	54.
13 24 15	167.	146.	199.	87.	92.	1093.	6.8	74.8	2977.	90.	2913.	.09	55.
13 24 20	169.	147.	199.	87.	92.	1104.	6.4	73.7	2989.	91.	2969.	.03	54.
13 24 25	169.	146.	199.	89.	93.	1110.	9.0	75.1	2952.	89.	3021.	.07	50.
13 24 30	163.	135.	189.	74.	92.	1113.	8.6	74.6	2977.	89.	3011.	.00	53.
13 24 35	160.	137.	191.	81.	97.	1109.	9.0	74.6	3020.	89.	2908.	.00	53.
13 24 40	170.	147.	195.	88.	87.	1109.	8.1	73.8	3083.	89.	2964.	.01	53.
13 24 50	167.	146.	194.	91.	98.	1109.	7.8	73.3	3001.	90.	3055.	.16	52.
13 24 55	162.	134.	200.	76.	93.	1109.	5.6	73.5	3008.	90.	3033.	.15	53.
13 25 0	164.	135.	200.	77.	94.	1107.	9.0	75.2	3006.	89.	3058.	.03	52.
13 25 5	166.	136.	191.	88.	94.	1110.	9.0	74.7	3023.	89.	3003.	.04	55.
13 25 10	161.	135.	191.	89.	97.	1116.	6.8	73.6	2947.	89.	2947.	.00	54.
13 25 15	172.	158.	191.	89.	105.	1116.	6.8	73.7	2986.	89.	2918.	.01	55.
13 25 20	168.	148.	191.	83.	109.	1109.	11.2	78.6	3065.	89.	2854.	.12	59.
13 25 25	164.	134.	192.	76.	110.	1118.	11.0	78.5	2989.	63.	2859.	.16	56.
13 25 30	167.	140.	193.	84.	117.	1118.	5.4	87.2	3055.	64.	2957.	.21	55.
13 25 35	169.	149.	193.	91.	115.	1116.	6.8	82.2	3085.	77.	2996.	.12	56.
13 25 40	165.	144.	193.	91.	117.	1116.	11.7	74.9	3025.	88.	2889.	.04	46.
13 25 45	163.	139.	193.	88.	124.	1116.	12.7	74.9	3083.	88.	2911.	.04	48.
13 25 50	166.	142.	192.	86.	121.	1089.	7.8	74.9	2972.	87.	2952.	.35	54.
13 25 55	169.	138.	194.	76.	121.	1124.	7.3	75.5	2981.	87.	3006.	.10	54.
13 26 0	160.	143.	193.	88.	122.	1121.	6.4	74.8	3065.	87.	2952.	.01	56.
13 26 5	167.	144.	198.	95.	120.	1112.	6.4	75.7	3025.	88.	2999.	.01	54.
13 26 10	167.	142.	194.	88.	120.	1112.	6.8	61.1	2962.	86.	2928.	.03	54.
13 26 15	164.	142.	191.	91.	123.	1119.	7.1	61.7	2886.	62.	2986.	.05	54.
13 26 20	163.	140.	191.	84.	123.	1112.	7.3	62.6	3089.	64.	2884.	.15	54.
13 26 25	167.	145.	191.	97.	121.	1110.	7.3						

TIME H/M/S	PR 14 TEMP MASS GEAR CASE	PR 15 TEMP MASS MAIN CONTROL L/MENG	PR 29 TEMP SURFAC SPIKE TIP	PR 31 TEMP AIR INLET ANTI ICE FR FRA	EC 67 TEMP MANFLD VORTEX SEMITR	AF 10 PRESS A/B FUEL CONTROL INLET	AF 11 PRESS A/B FUEL CONTROL OUTLET	SP 2 PRESS HYD OIL INLET UTL PUMP	SP 4 PRESS HYD OIL OUTLET UTL PUMP	SP 6 PRESS HYD OIL INLET PRIMARY PUMP	SP 8 PRESS HYD OIL OUTLET PRIMARY PUMP	AF 14 PRESS AIR FMO FUEL TANK	AF 18 PRESS FUEL OIL COOLER OUTLET L/MENG
13 26 26	165.	139.	191.	86.	123.	1118.	8.6	53.1	2981.	66.	2869.	.15	54.
13 26 31	163.	129.	187.	82.	122.	1135.	3.9	74.3	3030.	89.	2869.	.12	56.
13 26 36	164.	138.	188.	84.	122.	1099.	6.6	73.8	2959.	29.	2806.	.86	55.
13 26 41	169.	151.	196.	89.	118.	1128.	8.8	75.1	2913.	86.	2933.	3.00	54.
13 26 46	169.	158.	194.	91.	119.	1119.	7.3	75.4	2952.	87.	2953.	.86	53.
13 49 8	167.	156.	391.	95.	117.	1114.	8.3	75.1	3011.	2.	2942.	.47	50.
13 49 13	166.	151.	240.	88.	116.	1114.	8.6	77.9	3062.	83.	2918.	.46	53.
13 49 18	161.	138.	88.	68.	118.	1107.	9.3	79.3	3058.	83.	2957.	.62	52.
13 49 23	164.	148.	88.	88.	117.	1112.	8.3	77.5	3848.	83.	2947.	.76	52.
13 49 28	161.	151.	77.	86.	117.	1109.	6.4	79.0	3025.	83.	2937.	.68	56.
13 49 33	161.	145.	79.	82.	117.	1106.	3.9	76.8	3083.	83.	3011.	.56	57.
13 49 38	167.	157.	89.	86.	114.	1116.	6.0	77.7	2923.	24.	2977.	.58	58.
13 49 43	166.	154.	85.	91.	116.	1116.	7.1	75.8	2969.	84.	3081.	.58	56.
13 49 48	161.	141.	80.	82.	110.	1101.	8.0	71.0	2981.	84.	2967.	.54	54.
13 49 50	166.	150.	84.	88.	118.	1110.	8.8	73.5	2974.	84.	2977.	.58	55.
13 50 3	158.	143.	78.	82.	117.	1110.	8.3	74.3	3021.	81.	3089.	.56	52.
13 50 8	160.	140.	79.	81.	118.	1111.	8.3	74.6	3008.	82.	3099.	.56	52.
13 50 13	160.	143.	76.	79.	119.	1109.	8.3	73.2	2942.	83.	2874.	.65	55.
13 50 18	165.	148.	83.	82.	117.	1113.	8.3	76.2	2986.	82.	2918.	.62	54.
13 50 23	163.	143.	767.	76.	118.	1103.	7.8	76.4	3060.	83.	2933.	.51	43.
13 50 28	162.	142.	807.	78.	118.	1107.	7.3	74.8	3013.	83.	2937.	.52	49.
13 50 33	161.	143.	708.	79.	116.	1118.	8.8	72.1	2940.	83.	3086.	.54	55.
13 50 38	174.	159.	848.	93.	116.	1118.	9.3	73.2	3030.	83.	2986.	.40	56.
13 50 43	172.	157.	848.	91.	116.	1112.	7.8	74.6	3021.	84.	3083.	.42	57.
13 50 48	169.	151.	848.	82.	116.	1118.	8.8	79.6	3081.	81.	2952.	.91	52.
13 50 54	169.	155.	848.	84.	116.	1128.	9.3	77.9	2962.	82.	2942.	.76	53.
13 50 59	170.	156.	848.	84.	116.	1118.	-5	76.4	2910.	84.	2983.	.56	54.
13 51 4	165.	149.	848.	86.	115.	1112.	4.6	79.8	2896.	83.	2911.	.50	53.
13 51 9	158.	141.	848.	81.	117.	1039.	8.8	78.4	3065.	82.	2849.	.45	59.
13 51 14	160.	144.	848.	82.	116.	1106.	8.1	78.4	3069.	82.	2886.	.51	56.
13 51 19	169.	161.	846.	84.	118.	1124.	7.8	75.2	3045.	82.	2986.	.65	58.
13 51 24	160.	158.	848.	85.	112.	1120.	8.4	77.3	3077.	82.	2964.	.63	55.
13 51 29	163.	144.	844.	86.	114.	1107.	18.8	74.8	3060.	83.	3016.	.40	54.
14 3 13	167.	151.	511.	86.	116.	1112.	9.3	74.7	3045.	82.	2947.	.37	54.
14 3 18	173.	154.	173.	84.	113.	1033.	8.3	74.9	2967.	82.	3058.	.35	54.
14 3 23	168.	151.	174.	88.	117.	1133.	3.9	75.8	2979.	82.	3080.	.29	55.
14 3 33	167.	146.	174.	76.	113.	1107.	8.8	77.3	3055.	82.	3058.	.51	56.
14 3 38	168.	158.	175.	77.	112.	1109.	8.8	76.2	3013.	81.	3101.	.35	54.
14 3 43	162.	151.	174.	79.	110.	1112.	7.8	73.9	2962.	83.	3089.	.76	55.
14 3 43	163.	149.	173.	78.	109.	1111.	8.1	74.8	3055.	83.	3047.	.53	56.
14 4 3 40	170.	156.	174.	88.	102.	1124.	7.8	74.9	3053.	82.	2980.	.72	57.
14 4 3 53	168.	155.	174.	87.	101.	1121.	13.8	74.6	3011.	88.	2991.	.35	55.
14 4 3 58	163.	139.	173.	76.	95.	1115.	13.2	75.8	3157.	81.	2923.	.58	55.
14 4 4 3	161.	141.	173.	77.	97.	1111.	15.2	76.8	3047.	75.	2933.	.37	51.
14 4 8	170.	161.	176.	97.	93.	1128.	12.7	74.9	3123.	88.	2885.	.29	52.
14 4 14	170.	156.	174.	92.	93.	1115.	9.8	75.7	3135.	81.	2818.	.45	57.
14 4 19	176.	154.	173.	91.	93.	1112.	9.3	77.1	3133.	81.	2828.	.57	57.
14 4 24	174.	150.	173.	91.	92.	1114.	14.9	77.1	3101.	82.	2815.	.38	57.

TIME H/M/S	PR 14 TEMP MASS GEAR CASE	PR 15 TEMP MASS MAIN FUEL CONTRL L/HENG	PR 29 TEMP SURFAC SPIKE TIP	PR 31 TEMP AIR INLET ANTI ICE F2 FRA	IC 67 TEMP MANFLO TORTEX GENRTR	AF 10 PRESS A/B FUEL CONTRL INLET	AF 11 PRESS A/B FUEL CONTRL OUTLET	SP 2 PRESS HYD OIL INLET UTL PUMP	SP 4 PRESS HYD OIL OUTLET UTL PUMP	SP 6 PRESS HYD OIL INLET PRIMRY PUMP	SP 8 PRESS HYD OIL OUTLET PRIMRY PUMP	AF 14 PRESS AIR FWD FUEL TANK	AF 18 PRESS FUEL OIL COOLER OUTLET L/HENG
14 4 29	166.	152.	174.	92.	92.	1110.	9.3	77.4	2874.	82.	2981.	1.33	63.
14 4 34	166.	151.	174.	89.	93.	1110.	10.0	77.7	2923.	80.	2984.	.80	54.
14 4 39	161.	134.	176.	84.	91.	1103.	19.6	79.8	3050.	82.	3133.	.13	63.
14 4 44	160.	135.	175.	84.	93.	1101.	15.6	78.6	2930.	82.	3072.	.36	58.
14 4 49	162.	152.	174.	87.	91.	1118.	15.6	77.6	3143.	82.	3236.	.25	58.
14 4 54	161.	147.	174.	86.	91.	1110.	17.8	77.6	3138.	82.	3025.	.42	58.
14 4 59	165.	143.	174.	79.	92.	1093.	16.6	76.1	2986.	80.	2766.	.57	62.
14 5 4	162.	140.	174.	83.	92.	1101.	14.2	76.1	2891.	80.	3040.	.63	62.
14 5 9	160.	138.	174.	92.	92.	1097.	26.4	76.1	3050.	80.	2727.	.19	67.
14 5 14	164.	137.	175.	86.	93.	1104.	2.3	75.5	3177.	80.	2884.	.32	62.
14 5 19	167.	141.	176.	94.	87.	1099.	11.2	75.4	3089.	82.	2805.	.44	57.
14 5 24	165.	139.	176.	96.	88.	1098.	15.4	75.4	3148.	82.	2849.	.14	57.
14 5 29	159.	128.	173.	95.	93.	1099.	17.1	76.2	3089.	82.	2752.	.62	57.
14 5 34	164.	133.	174.	88.	92.	1100.	16.1	77.5	3152.	82.	2408.	-.25	59.
14 5 39	162.	130.	176.	90.	91.	1095.	11.7	77.9	3025.	82.	2742.	.66	58.
14 5 44	164.	129.	178.	92.	90.	1098.	16.6	76.9	3036.	82.	3011.	.62	56.
14 5 49	161.	126.	178.	89.	89.	1097.	19.6	76.7	3226.	82.	2786.	-.40	62.
14 5 54	165.	127.	178.	94.	89.	1096.	15.6	77.0	3096.	80.	2862.	-.41	59.
14 5 59	174.	139.	180.	93.	95.	1085.	5.9	80.6	2936.	80.	2810.	.56	57.
14 6 9	180.	143.	514.	97.	102.	1086.	4.4	79.3	3028.	81.	2898.	.37	57.
14 6 14	173.	129.	848.	90.	119.	1034.	6.4	80.6	3081.	81.	2972.	.16	55.
14 6 19	176.	129.	848.	90.	119.	1088.	3.9	80.0	3408.	81.	2979.	.17	54.
14 6 24	170.	121.	848.	84.	117.	1083.	2.9	78.0	3086.	81.	3045.	.31	51.
14 6 29	175.	129.	848.	88.	115.	1087.	3.7	77.3	2972.	81.	3033.	.24	52.
14 6 34	171.	126.	511.	88.	115.	1083.	3.9	77.4	2923.	81.	3006.	.04	54.
14 6 39	171.	138.	511.	84.	123.	1036.	5.4	77.5	2986.	81.	2955.	.07	54.
14 6 44	176.	158.	174.	33.	132.	1114.	4.9	78.9	3116.	81.	2810.	.09	54.
14 6 49	175.	153.	173.	38.	132.	1116.	5.9	77.9	3030.	81.	2945.	.09	55.
14 6 54	173.	159.	159.	99.	132.	1120.	7.3	77.9	2942.	80.	2903.	.15	56.
14 6 59	172.	153.	171.	92.	133.	1117.	8.1	78.9	2977.	80.	2947.	.15	56.
14 7 4	176.	158.	173.	92.	133.	1114.	5.4	76.4	2986.	82.	3006.	.09	50.
14 7 9	177.	158.	173.	94.	132.	1116.	7.1	77.6	2967.	81.	2967.	.15	54.
14 7 14	166.	143.	172.	84.	130.	1107.	7.3	79.5	3060.	82.	2918.	-.01	53.
14 7 19	172.	150.	173.	88.	135.	1112.	5.1	76.9	3134.	81.	2969.	-.01	53.
14 7 24	174.	147.	167.	88.	133.	1109.	6.8	78.6	3094.	81.	2923.	.07	53.
14 7 29	173.	146.	170.	89.	134.	1108.	6.4	76.4	3006.	80.	2906.	.05	53.
14 7 34	173.	148.	174.	87.	135.	1110.	8.8	75.1	3045.	80.	3300.	.15	41.
14 7 39	174.	153.	173.	89.	134.	1112.	8.6	76.1	3147.	80.	3003.	.40	48.
14 7 44	177.	163.	173.	97.	133.	1114.	9.3	76.7	3050.	83.	3050.	.10	42.
14 7 49	174.	154.	173.	91.	132.	1111.	7.1	76.4	3052.	82.	3074.	.13	47.
14 7 54	167.	145.	167.	84.	135.	1112.	8.3	76.4	2937.	81.	3035.	.06	52.
14 7 59	169.	147.	171.	83.	135.	1112.	8.6	67.2	2940.	81.	3013.	.13	49.
14 8 4	176.	154.	174.	83.	132.	1118.	6.4	76.2	2996.	80.	2986.	.26	53.
14 8 9	173.	155.	175.	87.	134.	1117.	8.3	78.7	3001.	81.	3025.	.38	58.
14 8 14	178.	162.	174.	96.	132.	1114.	8.3	83.0	2986.	81.	2986.	.44	54.
14 8 19	175.	152.	172.	87.	133.	1113.	7.6	81.4	3023.	80.	3013.	.62	54.
14 8 24	171.	152.	174.	84.	133.	1116.	5.8	76.8	2947.	81.	3021.	.98	56.
14 8 29	174.	157.	174.	88.	132.	1119.	8.3	82.6	2959.	81.	3035.	.95	54.
14 8 34	174.	158.	174.	94.	127.	1116.	6.8	78.9	3099.	81.	3069.	.97	53.

TIME H/M/S	PR 14 TEMP MASS GEAR CASE	PR 15 TEMP MASS MAIN FUEL CONTROL L/HENG	PR 29 TEMP SURFAC SPIKE TIP	PR 31 TEMP AIR INLET ANTI ICE FR FRA	EC 67 TEMP WAFER TORTEX SEMITR	AF 10 PRESS A/B FUEL CONTROL INLET	AF 11 PRESS A/B FUEL CONTROL OUTLET	SP 2 PRESS HYD OIL INLET UTL PUMP	SP 4 PRESS HYD OIL OUTLET UTL PUMP	SP 6 PRESS HYD OIL INLET PRIMARY PUMP	SP 8 PRESS HYD OIL OUTLET PRIMARY PUMP	AF 14 PRESS AIR FWD FUEL TANK	AF 18 PRESS FUEL OIL COOLER OUTLET L/HENG
14 10 4	173.	156.	175.	92.	130.	1118.	9.8	60.1	2999.	81.	2986.	.95	51.
14 10 4	172.	154.	167.	86.	134.	1062.	9.8	78.0	3104.	81.	2849.	1.14	59.
14 10 9	174.	160.	171.	92.	133.	1092.	8.1	76.5	3030.	82.	2923.	.56	54.
14 10 14	178.	152.	174.	88.	133.	1116.	4.4	75.1	2991.	82.	3055.	.67	54.
14 10 19	179.	155.	174.	91.	130.	1119.	5.6	76.5	3025.	82.	3050.	.75	54.
14 12 7	181.	154.	174.	82.	139.	1103.	5.6	91.2	2933.	84.	3011.	.45	43.
14 12 13	180.	154.	171.	85.	135.	1104.	5.6	91.0	2911.	84.	2991.	.48	29.
14 12 18	183.	156.	170.	88.	128.	1065.	6.8	92.4	2874.	85.	2874.	.82	18.
14 12 23	185.	156.	172.	88.	125.	775.	7.3	94.5	2761.	86.	2881.	.66	5.
14 12 28	193.	151.	169.	89.	124.	14.	6.8	113.6	787.	105.	1486.	.37	1.
14 12 33	193.	154.	171.	89.	123.	7.	6.8	110.7	420.	107.	1750.	.37	2.
14 12 39	195.	156.	177.	88.	121.	8.	7.8	107.8	34.	107.	49.	.40	1.
14 12 44	197.	155.	177.	86.	113.	1.	7.1	107.6	44.	105.	29.	.43	1.
14 12 49	190.	153.	173.	86.	120.	2.	5.9	106.6	29.	101.	10.	.47	-5.
14 12 54	190.	154.	173.	86.	119.	-3.	5.9	105.4	51.	111.	5.	.46	-2.
14 12 59	190.	154.	174.	87.	118.	-12.	4.4	105.6	29.	101.	29.	.41	-1.
14 33 4	190.	150.	171.	88.	118.	-19.	5.6	104.4	29.	101.	29.	.43	0.
14 33 9	194.	154.	174.	88.	117.	-25.	5.4	104.1	15.	95.	0.	.73	-8.
14 33 14	199.	155.	174.	86.	117.	-23.	6.6	102.5	12.	98.	0.	.59	-8.

C. COMPUTATOR

TIME H/M/S	AF 21 PRESS A/B	AF 23 PRESS OIL TANK ARTHR	PR 21 PRESS OIL INLET CSD	PR 23 PRESS OIL OUTLET CSD	AF 12 PRESS FUEL CONTROL JUTLET	AF 13 PRESS FUEL BOOST PUMP	AF 24 PRESS P+D VALVE PRIMARY OUTLET	AF 25 PRESS P+D VALVE SEC OUTLET	AF 30 PRESS OUTLET LIBE PUMP MAIN	AF 35 TEMP SPIN MASS STA 372	EC 106 TEMP AMB MMH FND L/H	EC 107 TEMP AMB MMH FND R/H	EC 108 TEMP AMB MMH AFT L/H
13 1 1	-1.	-0.	3.	1.	-1.	-6	-7.	-4.	2.	86.	85.	87.	78.
13 1 12	-1.	-0.	3.	1.	1.	-5	-2.	-3.	2.	86.	85.	86.	79.
13 1 17	-1.	-0.	5.	-5.	-2.	-5	2.	-3.	1.	85.	86.	86.	80.
13 1 22	-1.	-0.	4.	-3.	2.	-4	2.	-4.	2.	75.	85.	86.	77.
13 1 27	-0.	-0.	3.	0.	3.	-5	1.	-3.	2.	86.	84.	86.	79.
13 1 32	-0.	-0.	4.	-0.	1.	-4	1.	-3.	2.	86.	84.	86.	79.
13 1 37	-1.	-0.	2.	0.	1.	-4	1.	-7.	3.	86.	84.	86.	77.
13 1 40	-1.	-0.	4.	0.	2.	-4	4.	-6.	3.	86.	84.	85.	78.
13 1 45	-0.	-0.	3.	-1.	-1.	-3	5.	-3.	1.	86.	83.	86.	78.
13 1 50	-0.	-0.	2.	-1.	0.	-3	5.	-3.	2.	86.	84.	86.	78.
13 1 55	-0.	-0.	3.	1.	0.	-5	2.	-5.	1.	84.	84.	86.	79.
13 2 0	-0.	-0.	3.	0.	0.	-6	2.	-4.	1.	84.	84.	86.	79.
13 2 5	-0.	-0.	4.	0.	-1.	-6	2.	-4.	1.	84.	84.	86.	79.
13 2 10	-0.	-0.	3.	0.	0.	-5	1.	-1.	2.	84.	84.	87.	78.
13 2 15	-0.	-0.	4.	0.	0.	-7	-1.	-4.	-0.	85.	84.	84.	88.
13 2 20	-0.	-0.	4.	0.	0.	-7	-0.	-4.	3.	85.	84.	85.	79.
13 2 25	-1.	-0.	4.	0.	0.	-8	6.	-4.	3.	86.	84.	86.	76.
13 3 0	-0.	-0.	4.	0.	0.	-9	9.	-4.	2.	86.	84.	87.	77.
13 3 5	-0.	-0.	3.	-1.	0.	-9	3.	-6.	3.	88.	84.	85.	79.
13 3 10	-0.	-0.	3.	-3.	0.	-9	3.	-4.	1.	88.	82.	85.	78.
13 3 15	-0.	-0.	3.	-3.	1.	-9	3.	-4.	1.	88.	82.	85.	78.
13 3 20	-0.	-0.	3.	1.	0.	-9	1.	-1.	2.	88.	83.	86.	78.
13 3 25	-0.	-0.	3.	1.	0.	-9	2.	-3.	1.	88.	84.	86.	78.
13 3 30	-0.	-0.	3.	1.	0.	-9	3.	-3.	2.	87.	84.	86.	79.
13 3 35	-0.	-0.	3.	1.	1.	-9	4.	-3.	2.	87.	84.	86.	78.
13 3 40	-0.	-0.	3.	1.	1.	-9	4.	-3.	2.	88.	83.	86.	78.
13 3 45	-0.	-0.	3.	1.	1.	-9	3.	-6.	2.	88.	83.	86.	78.
13 3 50	-0.	-0.	4.	1.	-1.	-9	4.	-5.	2.	88.	83.	86.	78.
13 3 55	-0.	-0.	4.	1.	0.	-9	4.	-3.	2.	88.	85.	86.	80.
13 4 0	-0.	-0.	4.	1.	0.	-9	3.	-3.	2.	87.	85.	87.	80.
13 4 5	-0.	-0.	3.	0.	0.	-9	3.	-3.	2.	88.	84.	86.	76.
13 4 10	-0.	-0.	3.	0.	0.	-9	3.	-2.	1.	88.	84.	87.	75.
13 4 15	-0.	-0.	3.	0.	0.	-9	3.	-3.	2.	87.	84.	86.	79.
13 4 20	-0.	-0.	4.	0.	0.	-9	4.	-4.	1.	87.	84.	86.	79.
13 4 25	-0.	-0.	4.	0.	0.	-9	5.	-4.	1.	88.	84.	86.	78.
13 4 30	-0.	-0.	4.	0.	0.	-9	5.	-4.	1.	88.	84.	86.	78.
13 4 35	-0.	-0.	4.	0.	0.	-9	5.	-4.	1.	88.	84.	86.	78.
13 4 40	-0.	-0.	4.	0.	0.	-9	5.	-4.	1.	88.	84.	86.	78.
13 4 45	-0.	-0.	4.	0.	0.	-9	5.	-4.	1.	88.	84.	86.	78.
13 4 50	-0.	-0.	4.	0.	0.	-9	5.	-4.	1.	88.	84.	86.	78.
13 4 55	-0.	-0.	4.	0.	0.	-9	5.	-4.	1.	88.	84.	86.	78.
13 5 0	-0.	-0.	4.	0.	0.	-9	5.	-4.	1.	88.	84.	86.	78.
13 5 5	-0.	-0.	4.	0.	0.	-9	5.	-4.	1.	88.	84.	86.	78.
13 5 10	-0.	-0.	4.	0.	0.	-9	5.	-4.	1.	88.	84.	86.	78.
13 5 15	-0.	-0.	4.	0.	0.	-9	5.	-4.	1.	88.	84.	86.	78.
13 5 20	-0.	-0.	4.	0.	0.	-9	5.	-4.	1.	88.	84.	86.	78.
13 5 25	-0.	-0.	4.	0.	0.	-9	5.	-4.	1.	88.	84.	86.	78.
13 5 30	-0.	-0.	4.	0.	0.	-9	5.	-4.	1.	88.	84.	86.	78.
13 5 35	-0.	-0.	4.	0.	0.	-9	5.	-4.	1.	88.	84.	86.	78.
13 5 40	-0.	-0.	4.	0.	0.	-9	5.	-4.	1.	88.	84.	86.	78.
13 5 45	-0.	-0.	4.	0.	0.	-9	5.	-4.	1.	88.	84.	86.	78.
13 5 50	-0.	-0.	4.	0.	0.	-9	5.	-4.	1.	88.	84.	86.	78.
13 5 55	-0.	-0.	4.	0.	0.	-9	5.	-4.	1.	88.	84.	86.	78.
13 6 0	-0.	-0.	4.	0.	0.	-9	5.	-4.	1.	88.	84.	86.	78.
13 6 5	-0.	-0.	4.	0.	0.	-9	5.	-4.	1.	88.	84.	86.	78.
13 6 10	-0.	-0.	4.	0.	0.	-9	5.	-4.	1.	88.	84.	86.	78.
13 6 15	-0.	-0.	4.	0.	0.	-9	5.	-4.	1.	88.	84.	86.	78.
13 6 20	-0.	-0.	4.	0.	0.	-9	5.	-4.	1.	88.	84.	86.	78.
13 6 25	-0.	-0.	4.	0.	0.	-9	5.	-4.	1.	88.	84.	86.	78.
13 6 30	-0.	-0.	4.	0.	0.	-9	5.	-4.	1.	88.	84.	86.	78.
13 6 35	-0.	-0.	4.	0.	0.	-9	5.	-4.	1.	88.	84.	86.	78.
13 6 40	-0.	-0.	4.	0.	0.	-9	5.	-4.	1.	88.	84.	86.	78.
13 6 45	-0.	-0.	4.	0.	0.	-9	5.	-4.	1.	88.	84.	86.	78.
13 6 50	-0.	-0.	4.	0.	0.	-9	5.	-4.	1.	88.	84.	86.	78.
13 6 55	-0.	-0.	4.	0.	0.	-9	5.	-4.	1.	88.	84.	86.	78.
13 7 0	-0.	-0.	4.	0.	0.	-9	5.	-4.	1.	88.	84.	86.	78.
13 7 5	-0.	-0.	4.	0.	0.	-9	5.	-4.	1.	88.	84.	86.	78.
13 7 10	-0.	-0.	4.	0.	0.	-9	5.	-4.	1.	88.	84.	86.	78.
13 7 15	-0.	-0.	4.	0.	0.	-9	5.	-4.	1.	88.	84.	86.	78.
13 7 20	-0.	-0.	4.	0.	0.	-9	5.	-4.	1.	88.	84.	86.	78.
13 7 25	-0.	-0.	4.	0.	0.	-9	5.	-4.	1.	88.	84.	86.	78.
13 7 30	-0.	-0.	4.	0.	0.	-9	5.	-4.	1.	88.	84.	86.	78.
13 7 35	-0.	-0.	4.	0.	0.	-9	5.	-4.	1.	88.	84.	86.	78.
13 7 40	-0.	-0.	4.	0.	0.	-9	5.	-4.	1.	88.	84.	86.	78.
13 7 45	-0.	-0.	4.	0.	0.	-9	5.	-4.	1.	88.	84.	86.	78.
13 7 50	-0.	-0.	4.	0.	0.	-9	5.	-4.	1.	88.	84.	86.	78.
13 7 55	-0.	-0.	4.	0.	0.	-9	5.	-4.	1.	88.	84.	86.	78.
13 8 0	-0.	-0.	4.	0.	0.	-9	5.	-4.	1.	88.	84.	86.	78.
13 8 5	-0.	-0.	4.	0.	0.	-9	5.	-4.	1.	88.	84.	86.	78.
13 8 10	-0.	-0.	4.	0.	0.	-9	5.	-4.	1.	88.	84.	86.	78.
13 8 15	-0.	-0.	4.	0.	0.	-9	5.	-4.	1.	88.	84.	86.	78.
13 8 20	-0.	-0.	4.	0.	0.	-9	5.	-4.	1.	88.	84.	86.	78.
13 8 25	-0.	-0.	4.	0.	0.	-9	5.	-4.	1.	88.	84.	86.	78.
13 8 30	-0.	-0.	4.	0.	0.	-9	5.	-4.	1.	88.	84.	86.	78.
13 8 35	-0.	-0.	4.	0.	0.	-9	5.	-4.	1.	88.	84.	86.	78.
13 8 40	-0.	-0.	4.	0.	0.	-9	5.	-4.	1.	88.	84.	86.	78.
13 8 45	-0.	-0.	4.	0.	0.	-9	5.	-4.	1.	88.	84.	86.	78.
13 8 50	-0.	-0.	4.	0.	0.	-9	5.	-4.	1.	88.	84.	86.	78.
13 8 55	-0.	-0.	4.	0.	0.	-9	5.	-4.	1.	88.	84.	86.	78.
13 9 0	-0.	-0.	4.	0.	0.	-9	5.	-4.	1.	88.	84.	86.	78.
13 9 5	-0.	-0.	4.	0.	0.	-9	5.	-4.	1.	88.	84.	86.	78.
13 9 10	-0.	-0.	4.	0.	0.	-9	5.	-4.	1.	88.	84.	86.	78.
13 9 15	-0.	-0.	4.	0.	0.	-9	5.	-4.	1.	88.	84.	86.	78.
13 9 20	-0.	-0.	4.	0.	0.	-9	5.	-4.	1.	88.	84.	86.	78.
13 9 25	-0.	-0.	4.	0.	0.	-9	5.	-4.	1.	88.	84.	86.	78.
13 9 30	-0.	-0.	4.	0.	0.	-9	5.	-4.	1.	88.	84.	86.	78.
13 9 35	-0.	-0.	4.	0.	0.	-9	5.	-4.	1.	88.	84.	86.	78.
13 9 40	-0.	-0.	4.	0.	0.	-9	5.	-4.	1.	88.	84.	86.	78.
13 9 45	-0.	-0.	4.	0.	0.	-9	5.	-4.	1.	88.	84.	86.	78.
13 9 50	-0.	-0.	4.	0.	0.	-9	5.	-4.	1.	88.	84.	86.	78.
13 9 55	-0.	-0.	4.	0.	0.	-9	5.	-4.	1.	88.	84.	86.	78.
13 10 0	-0.	-0.	4.	0.	0.	-9	5.	-4.	1.	88.	84.	86.	78.
13 10 5	-0.	-0.	4.	0.	0.	-9	5.	-4.	1.	88.	84.	86.	78.
13 10 10	-0.	-0.	4.	0.	0.	-9	5.	-4.	1.	88.	84.	86.	78.
13 10 15	-0.	-0.	4.	0.	0.	-9	5.	-4.	1.	88.	84.	86.	78.
13 10 20	-0.	-0.	4.	0.	0.	-9	5.	-4.	1.	88.	84.	86.	78.
13 10 25	-0.	-0.	4.	0.	0.	-9	5.	-4.	1.	88.	84.	86.	78.
13 10 30	-0.	-0.	4.	0.	0.	-9	5.	-4.	1.	88.	84.	86.	78.
13 10 35	-0.	-0.	4.	0.	0.	-9	5.	-4.	1.	88.	84.	86.	78.
13 10 40	-0.	-0.	4.	0.	0.	-9	5.	-4.	1.	88.	84.	86.	78.
13 10 45	-0.	-0.	4.	0.	0.	-9	5.	-4.	1.	88.	84.	86.	78.
13 10 50	-0.	-0.	4.	0.	0.	-9	5.	-4.	1.	88.	84.	86.	78.
13 10 55	-0.	-0.	4.	0.	0.	-9	5.	-4.	1.	88.	84.	86.	78.
13 11 0	-0.	-0.	4.	0.	0.	-9	5.	-4.	1.	88.	84.	86.	78.
13 11 5	-0.	-0.	4.	0.	0.	-9	5.	-4.	1.	88.	84.	86.	78.
13 11 10	-0.	-0.	4.	0.	0.	-9	5.	-4.	1.	88.	84.	86.	78.
13 11 15	-0.	-0.	4.	0.	0.	-9	5.	-4.	1.	88.	84.	86.	78.
13 11 20	-0.	-0.	4.	0.	0.	-9	5.	-4.	1.	88.	84.	86.	78.
13 11 25	-0.	-0.	4.	0.	0.	-9	5.	-4.	1.	88.	84.	86.	78.
13 11 30	-0.	-0.	4.	0.	0.	-9	5.	-4.	1.</				

TIME M/H/S	AF 21 PRESS A/B	AF 23 PRESS OIL TANK BRTHR	PR 21 PRESS OIL INLET CSD	PR 23 PRESS OIL OUTLET CSD	IF 12 PRESS FUEL CONTROL OUTLET	AF 13 PRESS FUEL BOOST PUMP OUTLET	AF 24 PRESS P+U VALVE PRIMARY OUTLET	AF 25 PRESS P+D VALVE SEC OUTLET	AF 30 PRESS OUTLET LIBE PUMP MAIN	AF 35 TEMP SKIN MASS STA 372	EC 106 TEMP AMB MMH FWD L/H	EC 107 TEMP AMB MMH FWD R/H	EC 108 TEMP AMB MMH AFT L/H
13 6 22	-1	-0	3	8	1	26.8	1	-4	2	87	85	86	88
13 6 27	0	-0	4	8	3	26.7	-1	-3	2	87	86	88	81
13 6 37	-0	-0	3	0	2	26.9	0	-3	2	89	88	89	76
13 6 42	-0	-0	3	0	1	26.8	-0	-6	2	88	88	81	77
13 6 47	-0	-0	3	-0	0	26.9	4	-2	2	88	84	83	77
13 6 47	-1	-0	1	-1	-0	27.2	3	-3	2	82	84	85	77
13 6 52	-0	-0	4	2	2	27.0	4	-6	1	87	84	84	77
13 6 57	-0	-0	4	2	1	26.8	5	-0	2	87	83	84	78
13 7 2	-1	-0	3	-0	1	26.7	3	-5	2	84	82	83	78
13 7 7	-1	-0	4	8	0	26.9	3	-3	2	85	81	84	77
13 7 12	-0	-0	4	8	-2	27.1	2	1	2	86	81	84	77
13 7 18	-0	-0	4	-0	-1	27.0	2	-0	2	85	82	84	77
13 7 23	-0	-0	4	-0	-2	26.8	3	-3	2	87	88	90	82
13 7 28	-0	-0	4	0	1	26.9	3	-2	2	87	85	87	79
13 7 33	-1	-0	4	0	1	27.1	1	-10	2	87	84	79	79
13 7 38	-2	-0	4	1	2	26.3	2	-6	4	87	84	79	79
13 7 43	-0	-0	5	2	9	26.1	4	-4	21	87	83	85	78
13 7 48	12	-0	4	1	7	26.4	4	-3	25	87	83	85	78
13 7 53	15	-0	4	3	40	24.4	1	-4	32	87	86	88	80
13 7 58	20	-0	5	4	77	25.0	46	-0	37	87	85	87	80
13 8 3	24	-0	5	4	158	24.4	128	-1	65	88	88	91	82
13 8 8	44	-0	8	26	165	25.3	133	-1	66	87	85	87	81
13 8 13	45	-0	13	39	185	24.8	155	0	72	86	87	86	80
13 8 18	48	-0	14	48	191	24.1	157	11	73	86	87	86	80
13 8 23	48	-0	14	49	213	24.6	174	21	76	85	74	86	78
13 8 28	49	0	16	48	200	24.2	179	23	76	85	78	85	78
13 8 33	50	0	17	48	194	23.9	178	20	75	86	86	90	80
13 8 38	51	0	15	49	196	24.2	176	23	76	86	86	88	80
13 8 43	50	0	18	47	211	25.4	180	22	76	88	87	90	81
13 8 48	51	-0	13	49	207	24.8	175	24	76	88	86	88	79
13 8 53	50	-0	14	58	207	24.3	173	17	76	85	85	87	79
13 9 3	50	0	12	48	214	24.3	177	15	75	87	86	84	77
13 9 8	50	-0	13	47	221	23.8	174	29	75	84	86	84	77
13 9 13	50	-0	14	49	221	23.9	179	28	75	85	86	86	81
13 9 18	50	0	15	49	212	23.9	179	20	75	86	85	86	81
13 9 23	50	0	17	58	204	24.6	172	26	76	86	85	86	77
13 9 28	50	0	16	53	204	24.7	175	24	75	86	84	82	77
13 9 33	49	0	18	50	204	25.2	172	26	74	88	84	88	83
13 9 38	49	0	17	50	206	25.1	176	20	68	88	85	88	81
13 9 43	49	0	17	47	191	24.8	179	11	72	86	83	86	79
13 9 48	49	0	17	48	204	24.7	176	16	73	85	84	86	79
13 9 53	49	0	18	49	223	24.7	180	19	75	86	88	86	74
13 9 58	49	0	16	48	220	24.7	179	21	74	85	83	86	76
13 10 3	49	0	15	46	202	24.4	173	22	74	84	83	86	74
13 10 8	49	0	15	46	202	24.5	178	26	74	84	83	86	74
13 10 13	49	0	16	48	202	24.5	178	26	73	86	86	86	88
13 10 18	49	-0	17	49	210	24.7	169	28	73	86	86	86	88
13 10 23	49	0	17	51	200	24.5	173	28	73	85	86	86	79
13 10 28	49	0	18	50	194	24.1	175	21	73	85	84	86	75
13 10 33	49	-0	18	49	199	24.4	176	22	72	85	84	86	76

TIME M/M/S	AF 21 PRESS A/B	AF 23 PRESS OIL	PR 21 PRESS OIL	PR 23 PRESS OIL	AF 12 PRESS FUEL	AF 13 PRESS FUEL	AF 24 PRESS P+D	AF 25 PRESS P+D	AF 30 PRESS OUTLET	AF 35 TEMP SKIN	EL 106 TEMP AMB	EL 107 TEMP AMB	EL 108 TEMP AMB
13 10 29	49.	-0.	17.	50.	229.	23.4	169.	23.	72.	86.	84.	84.	83.
13 10 34	49.	-0.	16.	50.	220.	24.5	169.	25.	72.	85.	84.	85.	84.
13 10 39	48.	-0.	16.	52.	198.	24.7	180.	27.	72.	87.	83.	87.	82.
13 10 44	45.	-0.	16.	51.	199.	24.2	177.	28.	73.	86.	85.	86.	87.
13 10 49	48.	-0.	18.	44.	215.	25.1	179.	23.	72.	84.	86.	86.	77.
13 10 54	48.	-0.	17.	46.	216.	24.5	175.	23.	73.	82.	87.	86.	78.
13 11 43	49.	0.	19.	49.	235.	23.6	203.	30.	71.	87.	84.	86.	77.
13 11 48	49.	0.	18.	49.	237.	23.2	202.	36.	72.	88.	84.	88.	79.
13 11 53	50.	0.	19.	53.	217.	23.3	199.	30.	73.	87.	84.	88.	79.
13 12 3	50.	0.	19.	54.	229.	23.5	199.	50.	72.	88.	84.	87.	80.
13 12 3	50.	0.	18.	58.	243.	22.3	207.	53.	73.	86.	82.	87.	82.
13 12 3	49.	0.	18.	55.	251.	22.7	221.	53.	74.	86.	83.	85.	84.
13 12 8	49.	0.	19.	54.	249.	22.0	210.	52.	76.	88.	82.	85.	88.
13 12 13	50.	0.	16.	53.	253.	22.6	224.	68.	74.	86.	86.	86.	79.
13 12 18	50.	0.	18.	52.	260.	24.9	251.	81.	74.	86.	85.	87.	88.
13 12 33	50.	0.	18.	54.	269.	24.9	231.	81.	52.	86.	82.	89.	86.
13 12 38	50.	0.	20.	57.	262.	24.4	234.	76.	68.	85.	85.	89.	83.
13 12 43	50.	0.	20.	58.	268.	24.0	243.	70.	74.	84.	96.	88.	80.
13 12 48	50.	0.	18.	58.	278.	25.3	242.	66.	74.	84.	88.	88.	81.
13 12 53	50.	0.	19.	55.	273.	24.5	229.	70.	75.	85.	87.	87.	80.
13 12 58	49.	0.	18.	55.	283.	23.9	234.	78.	75.	86.	87.	87.	79.
13 13 3	49.	0.	19.	56.	298.	23.4	246.	72.	72.	84.	87.	91.	85.
13 13 9	50.	0.	20.	60.	272.	22.8	238.	75.	72.	88.	86.	90.	85.
13 13 14	50.	0.	19.	55.	265.	23.6	232.	66.	73.	86.	86.	90.	82.
13 13 19	50.	0.	18.	62.	259.	23.6	230.	60.	74.	87.	86.	90.	83.
13 13 24	50.	0.	19.	58.	265.	23.2	227.	55.	73.	85.	88.	91.	80.
13 13 29	50.	0.	18.	58.	269.	22.4	223.	68.	74.	86.	86.	90.	83.
13 13 34	49.	0.	21.	58.	263.	23.4	228.	69.	74.	86.	86.	90.	83.
13 13 39	49.	0.	21.	57.	261.	23.2	238.	78.	72.	86.	85.	90.	85.
13 13 44	49.	0.	20.	59.	259.	22.9	232.	71.	71.	86.	92.	91.	78.
13 13 49	49.	0.	20.	59.	261.	23.2	232.	76.	70.	88.	89.	92.	80.
13 13 54	49.	0.	20.	58.	256.	23.2	221.	72.	73.	84.	88.	92.	80.
13 14 4	49.	0.	20.	59.	255.	21.8	231.	53.	73.	83.	86.	94.	81.
13 14 9	49.	0.	19.	61.	264.	22.2	231.	59.	74.	84.	88.	90.	81.
13 14 14	49.	0.	20.	63.	263.	22.9	235.	59.	73.	86.	88.	90.	86.
13 14 19	49.	0.	21.	57.	266.	23.5	229.	59.	74.	84.	87.	90.	84.
13 14 24	46.	0.	21.	54.	266.	23.6	224.	58.	73.	84.	91.	90.	81.
13 14 34	46.	0.	20.	55.	259.	21.8	226.	46.	76.	84.	91.	91.	82.
13 14 39	46.	0.	20.	55.	261.	23.5	230.	56.	75.	84.	92.	92.	74.
13 14 44	49.	0.	20.	55.	261.	23.5	230.	76.	77.	86.	92.	91.	81.
13 14 49	49.	0.	22.	54.	264.	22.7	220.	70.	83.	85.	90.	92.	84.
13 14 54	49.	0.	21.	57.	257.	23.1	220.	69.	78.	85.	88.	93.	88.
13 15 4	46.	0.	21.	56.	251.	23.1	228.	65.	80.	84.	91.	93.	83.
13 15 9	46.	0.	21.	55.	257.	23.5	235.	65.	80.	85.	91.	91.	78.
13 15 14	49.	-0.	20.	58.	265.	22.5	225.	57.	89.	86.	83.	86.	84.
13 15 19	48.	-0.	21.	50.	272.	23.3	227.	67.	89.	86.	89.	86.	85.
				50.		23.2	232.	70.	90.	84.	95.	92.	77.

TIME H/M/S	AF 21 PRESS A/B	AF 23 PRESS OIL TANK HTHR L/HENG	PR 21 PRESS OIL INLET CSD L/HENG	P2 23 PRESS OIL OUTLET CSD L/HENG	1F 12 PRESS FUEL COMFRL OUTLET L/HENG	AF 13 PRESS FUEL BOOST OUTLET L/HENG	AF 24 PRESS FAD VALVE PRIMARY OUTLET L/HENG	AF 25 PRESS PAD VALVE SEC OUTLET L/HENG	AF 31 PRESS OUTLET LIBE PUMP MAIN L/HENG	AF 35 TEMP SKIN MASS STA 372	EC 106 TEMP AMB MMH FNU L/H	EC 107 TEMP AMB MMH FNU R/H	EC 108 TEMP AMB MMH AFT L/H
13 15 19	48.	-3.	21.	59.	266.	23.5	233.	74.	84.	65.	92.	92.	82.
13 15 24	45.	-3.	21.	58.	256.	22.1	237.	73.	89.	76.	90.	93.	87.
13 15 29	45.	0.	20.	59.	257.	22.4	231.	66.	92.	85.	90.	93.	83.
13 15 34	46.	0.	21.	57.	263.	24.0	249.	62.	90.	74.	91.	93.	84.
13 15 39	46.	-0.	21.	54.	265.	22.8	240.	79.	90.	80.	91.	93.	86.
13 15 44	47.	0.	20.	51.	259.	23.4	230.	73.	101.	85.	91.	92.	85.
13 15 50	47.	0.	21.	55.	264.	23.6	234.	71.	101.	86.	90.	92.	85.
13 15 55	46.	0.	21.	56.	248.	23.2	238.	66.	103.	85.	92.	92.	84.
13 16 0	48.	-0.	22.	58.	255.	23.1	230.	66.	103.	84.	91.	91.	83.
13 16 5	47.	0.	21.	57.	270.	22.6	220.	76.	106.	84.	93.	91.	79.
13 16 10	47.	0.	21.	55.	262.	22.6	220.	71.	106.	85.	91.	91.	82.
13 16 15	48.	-0.	21.	56.	277.	21.9	210.	73.	107.	84.	95.	93.	80.
13 16 20	47.	0.	21.	55.	263.	22.8	220.	78.	110.	84.	95.	93.	80.
13 16 25	48.	0.	21.	59.	240.	24.2	225.	53.	109.	84.	84.	91.	82.
13 16 30	47.	0.	21.	59.	249.	24.2	225.	55.	110.	84.	88.	92.	80.
13 16 35	46.	0.	22.	58.	262.	22.3	235.	67.	114.	85.	89.	92.	84.
13 16 40	47.	0.	20.	57.	260.	22.2	234.	65.	115.	86.	87.	92.	84.
13 16 45	46.	0.	22.	57.	265.	23.4	230.	72.	116.	84.	90.	92.	80.
13 16 50	48.	0.	22.	54.	258.	23.2	231.	73.	117.	85.	89.	92.	78.
13 16 55	47.	0.	23.	60.	257.	23.2	230.	70.	120.	84.	91.	92.	82.
13 17 0	47.	0.	22.	61.	263.	22.7	232.	68.	121.	84.	91.	92.	82.
13 17 10	48.	0.	24.	57.	278.	24.1	221.	67.	117.	85.	87.	94.	74.
13 17 15	48.	0.	23.	59.	265.	23.3	223.	72.	118.	85.	87.	91.	79.
13 17 20	47.	0.	20.	56.	267.	21.8	229.	54.	121.	81.	93.	94.	76.
13 17 25	47.	0.	22.	58.	260.	22.5	232.	65.	119.	84.	90.	92.	79.
13 17 30	46.	-0.	22.	55.	255.	25.2	224.	70.	118.	85.	90.	92.	79.
13 17 35	46.	0.	22.	55.	254.	24.6	228.	65.	119.	86.	89.	92.	81.
13 17 40	47.	0.	23.	59.	254.	24.5	227.	65.	120.	86.	86.	90.	81.
13 17 45	46.	0.	24.	56.	253.	24.0	227.	72.	119.	85.	89.	92.	76.
13 17 50	47.	0.	21.	56.	258.	23.2	227.	58.	122.	86.	87.	91.	80.
13 17 55	46.	0.	22.	56.	265.	23.6	226.	71.	119.	85.	87.	92.	75.
13 18 0	47.	-0.	22.	56.	262.	22.3	239.	70.	118.	79.	93.	92.	75.
13 18 5	47.	0.	22.	61.	256.	22.9	235.	59.	117.	82.	92.	92.	79.
13 18 10	47.	0.	22.	59.	264.	22.8	230.	67.	118.	84.	88.	93.	84.
13 18 15	47.	0.	22.	59.	271.	22.3	232.	69.	117.	85.	89.	93.	80.
13 18 20	46.	0.	22.	55.	254.	23.0	229.	65.	114.	84.	87.	91.	82.
13 18 25	45.	0.	22.	58.	262.	23.5	229.	65.	116.	85.	89.	92.	83.
13 18 31	46.	0.	21.	50.	254.	24.5	221.	75.	109.	85.	92.	95.	79.
13 18 36	46.	0.	20.	56.	255.	21.6	225.	63.	109.	84.	92.	94.	78.
13 18 41	46.	0.	21.	59.	267.	24.3	227.	65.	119.	84.	95.	95.	80.
13 18 46	47.	0.	21.	58.	264.	24.4	226.	70.	114.	83.	94.	93.	80.
13 18 51	47.	0.	23.	52.	276.	24.9	222.	66.	115.	84.	88.	93.	83.
13 18 56	46.	0.	22.	56.	275.	24.1	226.	67.	116.	85.	89.	93.	83.
13 19 1	47.	0.	22.	58.	263.	24.0	228.	68.	117.	84.	92.	94.	80.
13 19 6	47.	0.	23.	54.	267.	24.2	232.	61.	115.	86.	88.	93.	79.
13 19 11	47.	0.	22.	56.	272.	23.3	232.	63.	116.	85.	91.	93.	80.
13 19 16	46.	0.	23.	60.	264.	24.7	229.	77.	118.	86.	92.	93.	81.
13 19 21	47.	0.	23.	57.	251.	23.4	20.	64.	117.	85.	92.	93.	81.

TIME H/M/S	AF 21 PRESS A/P OIL COOLER OUTLET L/HENG	AF 23 PRESS OIL TANK BTRHR L/HENG	PR 21 PRESS OIL INLET CSD L/HENG	PR 23 PRESS OIL OUTLET CSD L/HENG	AF 12 PRESS FUEL CONTRL OUTLET L/HENG	AF 13 PRESS FUEL BOOST PUMP OUTLET L/HENG	AF 24 PRESS P+D VALVE PRIMARY OUTLET L/HENG	AF 25 PRESS P+D VALVE SEC OUTLET L/HENG	AF 34 PRESS OUTLET LINE PUMP MAIN L/HENG	AF 35 TEMP SKIN HESS STA 372	EC 106 TEMP AMB MMH FMJ L/H	EC 107 TEMP AMB MMH FMJ R/H	EC 108 TEMP AMB MMH AFT L/H
13 22 24	45.	0.	23.	57.	191.	23.7	156.	22.	111.	65.	94.	96.	79.
13 22 29	44.	0.	23.	57.	192.	23.8	158.	24.	111.	63.	92.	95.	78.
13 22 34	44.	-0.	26.	57.	200.	24.0	170.	26.	109.	85.	87.	91.	82.
13 22 39	44.	0.	24.	51.	204.	24.0	170.	26.	109.	64.	90.	91.	82.
13 22 44	44.	0.	22.	59.	199.	23.7	157.	21.	109.	65.	86.	93.	83.
13 22 49	44.	0.	23.	61.	200.	23.9	166.	21.	111.	65.	86.	93.	83.
13 22 54	44.	0.	25.	54.	207.	23.6	179.	22.	109.	84.	89.	93.	88.
13 22 59	44.	0.	25.	54.	205.	23.4	179.	20.	108.	64.	89.	93.	78.
13 23 04	44.	0.	25.	67.	209.	24.3	177.	26.	108.	65.	86.	93.	82.
13 23 09	44.	0.	25.	60.	206.	24.5	175.	24.	109.	65.	88.	93.	79.
13 23 14	43.	0.	23.	57.	211.	24.1	176.	26.	109.	84.	88.	93.	80.
13 23 19	43.	0.	23.	57.	205.	24.1	176.	27.	109.	65.	87.	91.	79.
13 23 24	43.	0.	24.	57.	200.	24.2	164.	29.	112.	70.	91.	93.	78.
13 23 29	43.	0.	24.	60.	209.	24.0	166.	27.	107.	65.	91.	93.	82.
13 23 34	44.	0.	25.	60.	193.	25.4	174.	12.	111.	64.	88.	93.	78.
13 23 39	44.	0.	25.	59.	201.	24.4	157.	22.	111.	64.	90.	93.	80.
13 23 44	43.	-0.	25.	62.	202.	23.9	176.	31.	111.	69.	91.	91.	86.
13 23 49	44.	0.	26.	61.	199.	23.9	172.	26.	109.	85.	88.	91.	81.
13 23 54	43.	-0.	26.	56.	204.	24.3	189.	27.	110.	83.	84.	91.	74.
13 23 59	43.	-0.	25.	55.	202.	24.2	186.	21.	110.	65.	85.	91.	79.
13 24 04	43.	-0.	25.	52.	205.	23.5	170.	30.	112.	92.	90.	92.	74.
13 24 09	43.	-0.	26.	52.	211.	23.4	171.	29.	111.	89.	93.	93.	77.
13 24 14	43.	-0.	25.	55.	208.	23.8	171.	22.	108.	84.	93.	90.	75.
13 24 19	44.	0.	25.	61.	211.	23.6	169.	23.	110.	92.	92.	92.	78.
13 24 24	43.	0.	25.	59.	206.	24.0	175.	27.	109.	85.	91.	92.	76.
13 24 29	43.	0.	24.	58.	200.	22.1	163.	25.	109.	87.	90.	90.	88.
13 24 34	44.	-0.	24.	56.	202.	22.9	161.	29.	109.	86.	91.	91.	81.
13 24 39	44.	-0.	26.	57.	192.	23.1	172.	16.	110.	84.	92.	91.	76.
13 24 44	44.	0.	25.	60.	193.	24.3	173.	23.	110.	85.	91.	92.	78.
13 24 49	43.	0.	25.	61.	195.	23.6	178.	26.	110.	84.	84.	93.	75.
13 24 54	43.	0.	25.	60.	200.	23.7	173.	25.	110.	85.	84.	91.	75.
13 24 59	43.	0.	25.	61.	193.	23.9	176.	19.	109.	87.	86.	91.	80.
13 25 04	44.	0.	26.	57.	194.	23.3	176.	21.	110.	86.	87.	91.	82.
13 25 09	44.	0.	27.	58.	210.	23.1	173.	21.	109.	84.	91.	95.	76.
13 25 14	44.	0.	27.	57.	203.	23.4	174.	23.	108.	85.	90.	93.	78.
13 25 19	44.	0.	26.	56.	195.	23.9	169.	13.	111.	86.	88.	91.	76.
13 25 24	44.	-0.	27.	59.	200.	23.7	167.	13.	110.	85.	88.	91.	76.
13 25 29	43.	0.	25.	57.	205.	23.4	162.	13.	109.	84.	88.	91.	76.
13 25 34	43.	0.	25.	53.	193.	23.9	177.	14.	109.	84.	90.	93.	78.
13 25 39	44.	0.	26.	52.	201.	23.9	173.	15.	110.	84.	90.	92.	77.
13 25 44	44.	-0.	26.	54.	204.	24.1	175.	15.	110.	84.	90.	92.	80.
13 25 49	44.	0.	26.	70.	207.	23.6	171.	22.	109.	76.	90.	90.	80.
13 25 54	43.	0.	26.	92.	200.	23.4	167.	25.	111.	83.	90.	92.	76.
13 25 59	43.	0.	25.	55.	200.	23.4	167.	21.	111.	84.	90.	92.	76.
13 26 04	43.	0.	26.	57.	202.	23.7	170.	21.	112.	86.	89.	92.	84.
13 26 09	43.	0.	24.	52.	199.	23.5	173.	21.	111.	85.	90.	92.	84.
13 26 14	43.	0.	25.	53.	205.	23.2	169.	27.	109.	85.	91.	92.	82.
13 26 19	43.	0.	26.	56.	205.	23.5	169.	21.	109.	85.	91.	92.	82.

TIME H/M/S	AF 21 PRESS A/B	AF 23 PRESS OIL	PR 21 PRESS OIL	PR 23 PRESS OIL	AF 12 PRESS FUEL	AF 13 PRESS FUEL	AF 24 PRESS F&J	AF 25 PRESS P&J	AF 30 PRESS OUTLET	AF 35 TEMP SKIP	EL 106 TEMP AMB	EC 107 TEMP AMB	EC 108 TEMP AMB
13 26 26	43.	0.	26.	57.	205.	23.3	168.	24.	109.	86.	90.	92.	76.
13 26 31	44.	0.	24.	61.	193.	24.2	171.	25.	110.	87.	86.	91.	79.
13 26 36	43.	0.	25.	59.	201.	23.8	171.	26.	111.	84.	90.	92.	76.
13 26 41	44.	0.	26.	52.	204.	23.3	166.	25.	111.	84.	84.	93.	77.
13 26 46	44.	0.	28.	50.	207.	23.6	164.	23.	110.	85.	87.	91.	77.
13 26 51	44.	0.	28.	57.	203.	25.0	162.	23.	108.	85.	88.	89.	80.
13 26 56	44.	0.	26.	57.	202.	24.6	173.	27.	106.	86.	93.	80.	80.
13 27 01	43.	0.	26.	56.	200.	23.8	169.	29.	105.	87.	84.	85.	84.
13 27 06	44.	0.	27.	56.	199.	24.1	161.	26.	105.	86.	88.	87.	83.
13 27 11	43.	0.	28.	51.	202.	24.5	180.	13.	109.	86.	90.	90.	89.
13 27 16	43.	0.	27.	51.	201.	24.3	176.	13.	109.	86.	88.	89.	89.
13 27 21	43.	0.	26.	51.	213.	23.9	178.	25.	111.	83.	89.	88.	78.
13 27 26	44.	0.	26.	56.	206.	24.3	174.	29.	110.	84.	88.	84.	81.
13 27 31	43.	0.	28.	44.	208.	24.6	165.	23.	108.	82.	86.	88.	87.
13 27 36	44.	0.	27.	49.	207.	23.9	165.	25.	109.	84.	88.	86.	83.
13 27 41	44.	0.	26.	55.	205.	24.6	153.	23.	106.	86.	90.	90.	88.
13 27 46	44.	0.	25.	53.	195.	24.4	155.	20.	106.	86.	88.	88.	87.
13 27 51	44.	0.	26.	50.	198.	24.3	175.	26.	106.	84.	90.	90.	86.
13 27 56	43.	0.	27.	58.	204.	24.3	173.	24.	137.	84.	84.	88.	81.
13 28 01	44.	0.	25.	58.	204.	24.1	179.	24.	109.	85.	89.	86.	79.
13 28 06	44.	0.	26.	55.	201.	24.2	174.	25.	109.	84.	91.	87.	79.
13 28 11	43.	0.	27.	53.	204.	23.6	175.	25.	109.	85.	89.	87.	77.
13 28 16	43.	0.	26.	50.	211.	23.5	168.	22.	109.	84.	89.	88.	80.
13 28 21	43.	0.	26.	57.	202.	23.6	175.	22.	107.	84.	89.	87.	84.
13 28 26	43.	0.	27.	57.	205.	25.2	166.	26.	108.	82.	89.	86.	76.
13 28 31	45.	0.	26.	53.	205.	24.7	172.	24.	107.	83.	90.	86.	78.
13 28 36	44.	0.	25.	56.	198.	24.1	175.	20.	110.	84.	84.	85.	82.
13 28 41	43.	0.	26.	57.	198.	24.8	169.	23.	109.	84.	87.	88.	84.
13 28 46	43.	0.	26.	56.	214.	23.9	174.	26.	107.	86.	90.	88.	88.
13 28 51	43.	0.	26.	56.	209.	24.1	170.	29.	108.	85.	88.	88.	81.
13 28 56	43.	0.	26.	59.	198.	24.2	176.	32.	109.	84.	91.	86.	80.
13 29 01	45.	0.	27.	50.	204.	24.6	175.	30.	108.	84.	91.	85.	78.
13 29 06	43.	0.	27.	56.	213.	23.6	163.	21.	105.	87.	84.	87.	86.
13 29 11	44.	0.	27.	56.	214.	24.2	170.	26.	106.	80.	88.	80.	87.
13 29 16	44.	0.	27.	55.	221.	23.9	188.	33.	105.	85.	92.	83.	90.
13 29 21	45.	0.	26.	55.	214.	23.8	192.	40.	106.	85.	93.	89.	87.
13 29 26	45.	0.	28.	53.	236.	23.7	197.	44.	110.	86.	93.	93.	79.
13 29 31	46.	0.	26.	55.	241.	23.2	209.	52.	109.	83.	88.	92.	84.
13 29 36	47.	0.	26.	53.	251.	23.1	223.	75.	113.	85.	95.	92.	88.
13 29 41	47.	0.	26.	53.	260.	23.5	225.	77.	112.	86.	93.	92.	87.
13 29 46	46.	0.	27.	52.	261.	22.3	229.	84.	111.	82.	90.	91.	80.
13 29 51	48.	0.	27.	50.	281.	22.3	249.	98.	111.	84.	89.	92.	85.
13 29 56	47.	0.	26.	55.	325.	22.2	276.	105.	115.	89.	92.	84.	83.
14 00 01	47.	0.	25.	56.	323.	22.1	278.	105.	117.	87.	92.	89.	84.
14 00 06	48.	0.	25.	56.	333.	21.6	293.	141.	119.	84.	91.	92.	85.
14 00 11	48.	0.	24.	56.	339.	22.6	297.	154.	119.	85.	92.	92.	85.
14 00 16	46.	0.	23.	55.	353.	21.2	307.	157.	123.	85.	92.	91.	85.
14 00 21	46.	0.	24.	53.	355.	24.3	310.	153.	122.	84.	93.	92.	84.

TIME H/M/S	AF 21 PRESS A/B OIL COOLER OUTLET L/HENG	AF 23 PRESS OIL TANK BTRH L/HENG	PR 21 PRESS OIL INLET CSD L/HENG	PR 23 PRESS OIL OUTLET CSD L/HENG	AF 12 PRESS FUEL BOOST PUMP OUTLET L/HENG	AF 13 PRESS FUEL BOOST PUMP OUTLET L/HENG	AF 24 PRESS F+D VALVE PRIMRY OUTLET L/HENG	AF 25 PRESS P+D VALVE SEC OUTLET L/HENG	AF 30 PRESS OUTLET L/D PUMP MAIN L/HENG	AF 35 TEMP SKIN MASE STA 372	EC 106 TEMP AMB MMH FWD L/H	EC 107 TEMP AMB MMH FWD R/H	EC 108 TEMP AMB MMH AFT L/H
14 29	47.	0.	26.	34.	379.	24.2	337.	180.	119.	84.	90.	92.	49.
14 30	45.	0.	26.	52.	389.	23.6	352.	193.	119.	82.	93.	93.	86.
14 31	48.	0.	24.	52.	423.	2+2	306.	193.	121.	85.	84.	91.	87.
14 32	46.	0.	25.	50.	438.	25.9	383.	211.	121.	84.	88.	90.	87.
14 33	49.	1.	25.	50.	474.	22.2	329.	264.	119.	80.	97.	84.	82.
14 34	45.	0.	24.	53.	495.	21.0	425.	284.	118.	82.	94.	87.	84.
14 35	42.	-0.	26.	53.	515.	20.3	452.	304.	117.	83.	97.	90.	83.
14 36	49.	0.	25.	54.	515.	20.9	448.	337.	119.	83.	93.	91.	87.
14 37	49.	0.	24.	54.	504.	20.1	456.	295.	119.	84.	98.	91.	87.
14 38	48.	0.	24.	53.	503.	21.5	456.	302.	116.	82.	92.	91.	85.
14 39	51.	-0.	26.	54.	523.	23.5	452.	310.	105.	85.	74.	89.	85.
14 40	51.	0.	24.	54.	522.	21.0	447.	316.	103.	83.	81.	89.	85.
14 41	49.	0.	27.	52.	521.	21.5	443.	323.	98.	83.	90.	90.	86.
14 42	49.	0.	25.	53.	520.	21.9	447.	328.	101.	82.	91.	90.	86.
14 43	49.	0.	24.	53.	500.	20.4	457.	307.	97.	83.	98.	90.	86.
14 44	49.	0.	24.	53.	487.	22.8	452.	317.	95.	84.	89.	89.	88.
14 45	49.	0.	25.	53.	528.	21.3	457.	307.	95.	84.	89.	89.	88.
14 46	49.	0.	25.	50.	407.	22.4	389.	217.	97.	81.	90.	88.	87.
14 47	46.	-0.	25.	55.	179.	23.8	161.	32.	99.	82.	87.	87.	83.
14 48	44.	-1.	25.	54.	191.	23.6	169.	27.	104.	82.	89.	87.	83.
14 49	43.	-0.	24.	58.	202.	23.4	178.	26.	109.	84.	91.	86.	83.
14 50	43.	-0.	24.	58.	210.	23.5	175.	24.	108.	83.	91.	87.	83.
14 51	43.	-0.	25.	60.	201.	23.5	175.	28.	108.	86.	93.	89.	86.
14 52	44.	-0.	25.	60.	203.	23.7	175.	27.	107.	85.	98.	89.	86.
14 53	44.	-0.	27.	54.	196.	25.3	175.	27.	107.	84.	91.	89.	86.
14 54	42.	-0.	26.	57.	210.	24.4	177.	27.	102.	84.	93.	92.	84.
14 55	43.	-0.	26.	56.	199.	23.2	171.	21.	98.	84.	95.	90.	87.
14 56	43.	-0.	25.	56.	202.	23.6	171.	21.	98.	84.	95.	92.	85.
14 57	43.	-0.	27.	56.	205.	24.1	176.	10.	97.	84.	95.	97.	91.
14 58	43.	-0.	24.	51.	207.	23.4	174.	23.	98.	84.	96.	96.	92.
14 59	43.	-0.	26.	53.	204.	23.8	166.	31.	93.	81.	99.	95.	85.
14 60	44.	-0.	24.	57.	205.	23.7	175.	26.	98.	84.	98.	95.	86.
14 61	43.	-0.	25.	57.	208.	23.7	175.	25.	95.	84.	98.	95.	86.
14 62	43.	-0.	26.	57.	201.	23.5	172.	24.	95.	84.	97.	95.	90.
14 63	44.	-0.	27.	56.	204.	23.6	176.	26.	95.	85.	97.	96.	89.
14 64	44.	-0.	23.	53.	196.	23.1	158.	29.	95.	86.	94.	97.	93.
14 65	44.	-0.	24.	54.	201.	23.3	155.	29.	90.	85.	94.	97.	93.
14 66	45.	0.	27.	55.	199.	23.9	170.	24.	94.	84.	95.	97.	94.
14 67	44.	-0.	27.	56.	208.	23.2	166.	22.	95.	84.	96.	96.	91.
14 68	44.	-0.	27.	56.	208.	23.2	166.	22.	95.	84.	96.	96.	91.
14 69	43.	-0.	29.	58.	197.	23.3	167.	27.	95.	84.	97.	97.	91.
14 70	43.	-0.	27.	55.	195.	23.5	158.	28.	96.	84.	98.	93.	85.
14 71	44.	-0.	18.	58.	207.	23.6	166.	24.	96.	82.	94.	94.	85.
14 72	44.	-0.	23.	58.	207.	24.3	164.	23.	95.	84.	94.	95.	90.
14 73	43.	-0.	26.	58.	199.	23.1	164.	23.	96.	84.	94.	96.	87.
14 74	43.	-0.	27.	57.	202.	24.4	173.	24.	97.	84.	97.	97.	82.
14 75	45.	-0.	25.	58.	201.	23.3	176.	23.	93.	83.	98.	97.	84.

TIME M/H/S	AF 21 PRESS A7B OIL CCOLEF OUTLET L/HENG	AF 23 PRESS OIL TANK BRTHR L/HENG	PR 21 PRESS OIL INLET CSD L/HENG	PR 23 PRESS OIL OUTLET CSD L/HENG	AF 12 PRESS FUEL CONTROL OUTLET L/HENG	AF 13 PRESS FUEL BOOST PUMP OUTLET L/HENG	AF 24 PRESS P+D VALVE PRIMRY OUTLET L/HENG	AF 25 PRESS P+D VALVE SEC OUTLET L/HENG	AF 31 PRESS OUTLET LISE PUMP MAIN L/HENG	AF 35 TEMP SKIA MASS STA 372	EC 106 TEMP AMB MMW FWD L/H	EC 107 TEMP AMB MMW FWD R/H	EC 108 TEMP AMB MMW AFT L/H
14 10 4	44.	-0.	27.	57.	202.	25.0	174.	24.	96.	84.	98.	96.	93.
14 10 6	43.	-0.	28.	56.	199.	24.6	167.	22.	97.	84.	97.	96.	94.
14 10 9	44.	-0.	27.	55.	194.	24.6	169.	24.	99.	84.	96.	96.	91.
14 10 14	43.	-0.	25.	59.	202.	24.9	180.	23.	99.	82.	99.	99.	83.
14 10 19	43.	-0.	25.	56.	202.	24.2	180.	23.	100.	82.	98.	98.	84.
14 32 7	36.	-0.	24.	43.	78.	23.5	10.	-2.	80.	81.	93.	94.	90.
14 32 13	24.	-0.	21.	32.	75.	23.1	5.	-4.	54.	82.	94.	95.	94.
14 32 18	5.	-0.	15.	20.	84.	27.6	5.	-1.	14.	84.	95.	95.	90.
14 32 23	3.	-0.	15.	16.	81.	31.9	5.	-1.	10.	85.	95.	94.	89.
14 32 28	0.	-0.	13.	12.	50.	31.6	-7.	-1.	1.	84.	95.	95.	88.
14 32 33	-1.	-0.	16.	13.	45.	25.6	-4.	0.	1.	83.	95.	96.	89.
14 32 39	-1.	-0.	15.	15.	43.	25.8	3.	-4.	1.	84.	95.	94.	90.
14 32 44	-1.	-0.	15.	13.	30.	25.9	1.	-0.	1.	79.	95.	95.	89.
14 32 49	-0.	-0.	16.	7.	34.	24.2	0.	-4.	1.	84.	95.	97.	89.
14 32 54	-0.	-0.	14.	10.	29.	18.5	-3.	-1.	1.	84.	95.	96.	89.
14 32 59	-1.	-0.	16.	10.	15.	9.2	-3.	-4.	0.	86.	95.	97.	89.
14 33 4	-1.	-0.	15.	11.	12.	3.9	-1.	-3.	0.	85.	95.	96.	90.
14 33 9	-1.	-0.	15.	13.	20.	5.	-1.	-5.	0.	84.	97.	96.	89.
14 33 14	-1.	-0.	15.	12.	15.	2.	-0.	-5.	-0.	84.	96.	95.	89.

C COMMUTATOR

TIME H/M/S	EC 109 TEMP APB MMH AFT R/H	PR 20 TEMP OIL CSO INLET L/H ENGINE	PR 22 TEMP OIL CSO OUTLET L/H ENGINE	EC 110 TEMP WEAPNS BAY STA 450	EC 111 TEMP WEAPNS BAY STA 400	EC 112 TEMP WEAPNS BAY STA 341	LC 113 TEMP WEAPNS BAY STA 276	SP 11 TEMP HYD OIL UTL KESEVR	SP 12 TEMP HYD OIL PRIN INLET RUDDER	EC 102 TEMP RADOME AREA TCP STA 24	EC 103 TEMP RADOME AREA TCP STA 72	EC 104 TEMP RADOME AREA TCP STA120	EC 105 TEMP RADOME AREA TCP STA124
13 1 1	82.	84.	82.	85.	82.	80.	88.	84.	88.	LCM	88.	91.	82.
13 1 12	81.	84.	81.	86.	83.	82.	86.	84.	86.	LCM	88.	90.	83.
13 1 17	80.	82.	76.	74.	84.	80.	89.	94.	87.	LCM	89.	91.	86.
13 1 22	80.	82.	79.	81.	83.	86.	86.	86.	87.	LCM	89.	91.	85.
13 1 27	80.	82.	81.	86.	83.	84.	87.	84.	87.	LCM	86.	91.	85.
13 1 32	80.	83.	81.	86.	83.	85.	87.	83.	87.	LCM	87.	91.	82.
13 1 37	80.	84.	81.	86.	83.	85.	87.	84.	84.	LCM	87.	91.	82.
13 1 42	79.	83.	77.	86.	83.	85.	87.	84.	86.	LCM	86.	90.	84.
13 1 47	80.	84.	82.	87.	84.	85.	88.	82.	87.	LCM	87.	90.	74.
13 1 52	77.	81.	82.	87.	83.	85.	86.	82.	87.	LCM	88.	93.	80.
13 1 57	81.	83.	80.	86.	82.	85.	86.	84.	88.	LCM	88.	91.	86.
13 2 2	81.	83.	81.	86.	82.	85.	86.	83.	87.	LCM	87.	94.	85.
13 2 7	81.	82.	80.	85.	82.	85.	86.	84.	74.	LCM	87.	90.	88.
13 2 12	80.	83.	81.	85.	82.	85.	86.	84.	88.	LCM	86.	92.	87.
13 2 17	80.	83.	81.	85.	82.	85.	86.	84.	88.	LCM	86.	91.	86.
13 2 22	76.	82.	81.	86.	83.	84.	85.	84.	86.	LCM	87.	91.	86.
13 2 27	81.	83.	74.	86.	82.	84.	89.	84.	87.	LCM	88.	90.	83.
13 2 32	81.	83.	78.	85.	82.	85.	87.	84.	86.	LCM	88.	90.	83.
13 2 37	79.	82.	82.	84.	81.	83.	83.	74.	88.	LCM	92.	97.	90.
13 2 42	79.	83.	82.	84.	82.	83.	83.	73.	88.	LCM	92.	96.	90.
13 2 47	80.	83.	82.	84.	82.	83.	83.	73.	88.	LCM	92.	96.	90.
13 2 52	80.	83.	82.	84.	82.	83.	83.	73.	88.	LCM	92.	96.	90.
13 2 57	80.	83.	82.	84.	82.	83.	83.	73.	88.	LCM	92.	96.	90.
13 3 2	80.	83.	82.	84.	82.	83.	83.	73.	88.	LCM	92.	96.	90.
13 3 7	80.	83.	82.	84.	82.	83.	83.	73.	88.	LCM	92.	96.	90.
13 3 12	80.	83.	82.	84.	82.	83.	83.	73.	88.	LCM	92.	96.	90.
13 3 17	80.	83.	82.	84.	82.	83.	83.	73.	88.	LCM	92.	96.	90.
13 3 22	80.	83.	82.	84.	82.	83.	83.	73.	88.	LCM	92.	96.	90.
13 3 27	80.	83.	82.	84.	82.	83.	83.	73.	88.	LCM	92.	96.	90.
13 3 32	80.	83.	82.	84.	82.	83.	83.	73.	88.	LCM	92.	96.	90.
13 3 37	80.	83.	82.	84.	82.	83.	83.	73.	88.	LCM	92.	96.	90.
13 3 42	80.	83.	82.	84.	82.	83.	83.	73.	88.	LCM	92.	96.	90.
13 3 47	80.	83.	82.	84.	82.	83.	83.	73.	88.	LCM	92.	96.	90.
13 3 52	80.	83.	82.	84.	82.	83.	83.	73.	88.	LCM	92.	96.	90.
13 3 57	80.	83.	82.	84.	82.	83.	83.	73.	88.	LCM	92.	96.	90.
13 4 2	80.	83.	82.	84.	82.	83.	83.	73.	88.	LCM	92.	96.	90.
13 4 7	80.	83.	82.	84.	82.	83.	83.	73.	88.	LCM	92.	96.	90.
13 4 12	80.	83.	82.	84.	82.	83.	83.	73.	88.	LCM	92.	96.	90.
13 4 17	80.	83.	82.	84.	82.	83.	83.	73.	88.	LCM	92.	96.	90.
13 4 22	80.	83.	82.	84.	82.	83.	83.	73.	88.	LCM	92.	96.	90.
13 4 27	80.	83.	82.	84.	82.	83.	83.	73.	88.	LCM	92.	96.	90.
13 4 32	80.	83.	82.	84.	82.	83.	83.	73.	88.	LCM	92.	96.	90.
13 4 37	80.	83.	82.	84.	82.	83.	83.	73.	88.	LCM	92.	96.	90.
13 4 42	80.	83.	82.	84.	82.	83.	83.	73.	88.	LCM	92.	96.	90.
13 4 47	80.	83.	82.	84.	82.	83.	83.	73.	88.	LCM	92.	96.	90.
13 4 52	80.	83.	82.	84.	82.	83.	83.	73.	88.	LCM	92.	96.	90.
13 4 57	80.	83.	82.	84.	82.	83.	83.	73.	88.	LCM	92.	96.	90.
13 5 2	80.	83.	82.	84.	82.	83.	83.	73.	88.	LCM	92.	96.	90.
13 5 7	80.	83.	82.	84.	82.	83.	83.	73.	88.	LCM	92.	96.	90.
13 5 12	80.	83.	82.	84.	82.	83.	83.	73.	88.	LCM	92.	96.	90.
13 5 17	80.	83.	82.	84.	82.	83.	83.	73.	88.	LCM	92.	96.	90.
13 5 22	80.	83.	82.	84.	82.	83.	83.	73.	88.	LCM	92.	96.	90.
13 5 27	80.	83.	82.	84.	82.	83.	83.	73.	88.	LCM	92.	96.	90.
13 5 32	80.	83.	82.	84.	82.	83.	83.	73.	88.	LCM	92.	96.	90.
13 5 37	80.	83.	82.	84.	82.	83.	83.	73.	88.	LCM	92.	96.	90.
13 5 42	80.	83.	82.	84.	82.	83.	83.	73.	88.	LCM	92.	96.	90.
13 5 47	80.	83.	82.	84.	82.	83.	83.	73.	88.	LCM	92.	96.	90.
13 5 52	80.	83.	82.	84.	82.	83.	83.	73.	88.	LCM	92.	96.	90.
13 5 57	80.	83.	82.	84.	82.	83.	83.	73.	88.	LCM	92.	96.	90.
13 6 2	80.	83.	82.	84.	82.	83.	83.	73.	88.	LCM	92.	96.	90.
13 6 7	80.	83.	82.	84.	82.	83.	83.	73.	88.	LCM	92.	96.	90.
13 6 12	80.	83.	82.	84.	82.	83.	83.	73.	88.	LCM	92.	96.	90.
13 6 17	80.	83.	82.	84.	82.	83.	83.	73.	88.	LCM	92.	96.	90.

TIME M/A/S	EC 109 TEMP A/B MM AFT R/H	PR 20 OIL CSD INLET L/H ENGINE	PR 22 TEMP OIL CSD OUTLET L/H ENGINE	EC 110 TEMP WEAPNS BAY STA 460	EC 111 TEMP WEAPNS BAY STA 400	EC 112 TEMP WEAPNS BAY STA 341	EC 113 TEMP WEAPNS BAY STA 276	SP 11 TEMP MYD OIL PRIM RESEVR	SP 12 TEMP MYD OIL PRIM RUOER	EC 102 TEMP RADOME AREA TOP STA 24	EC 103 TEMP RADOME AREA TOP STA 72	EC 104 TEMP RADOME AREA TOP STA122	EC 105 TEMP RADOME AREA TOP STA124
13 5 22	81.	83.	80.	84.	80.	94.	31.	85.	82.	LOW	88.	93.	89.
13 5 27	77.	82.	82.	85.	82.	79.	32.	87.	91.	LOW	79.	90.	74.
13 6 37	73.	82.	82.	85.	82.	92.	32.	97.	91.	LOW	79.	90.	87.
13 6 42	84.	84.	82.	83.	80.	71.	82.	82.	90.	LOW	91.	94.	87.
13 6 47	83.	85.	80.	88.	81.	73.	82.	81.	91.	LOW	94.	96.	88.
13 6 47	86.	82.	80.	79.	79.	101.	84.	84.	90.	LOW	86.	98.	82.
13 6 52	83.	82.	80.	80.	80.	80.	88.	88.	91.	LOW	84.	98.	79.
13 6 57	84.	82.	80.	84.	82.	73.	74.	90.	93.	LOW	84.	98.	73.
13 7 2	82.	82.	77.	83.	82.	71.	77.	88.	92.	LOW	88.	87.	82.
13 7 7	84.	81.	80.	82.	82.	88.	82.	90.	93.	LOW	78.	82.	73.
13 7 12	84.	81.	80.	82.	81.	91.	82.	90.	92.	LOW	80.	84.	76.
13 7 18	84.	82.	81.	81.	81.	99.	82.	88.	91.	LOW	86.	92.	84.
13 7 23	85.	81.	80.	82.	79.	94.	81.	30.	92.	LOW	82.	97.	74.
13 7 28	86.	82.	82.	79.	82.	69.	32.	89.	93.	LOW	88.	84.	82.
13 7 33	84.	82.	81.	81.	81.	77.	32.	91.	94.	LOW	82.	82.	76.
13 7 38	79.	82.	80.	83.	79.	78.	80.	92.	94.	LOW	78.	82.	71.
13 7 43	83.	78.	80.	83.	78.	87.	80.	92.	93.	LOW	79.	85.	74.
13 7 48	85.	84.	77.	82.	81.	66.	82.	97.	93.	LOW	79.	88.	70.
13 7 53	83.	85.	79.	82.	81.	85.	82.	97.	93.	LOW	80.	91.	82.
13 7 58	80.	88.	79.	83.	82.	72.	79.	90.	92.	LOW	79.	81.	72.
13 8 3	79.	86.	81.	79.	80.	78.	50.	90.	93.	LOW	87.	90.	84.
13 8 8	78.	84.	84.	80.	80.	70.	80.	90.	84.	LOW	92.	95.	88.
13 8 13	80.	85.	84.	81.	77.	82.	80.	90.	49.	LOW	84.	93.	86.
13 8 18	80.	86.	86.	81.	78.	90.	80.	95.	92.	LOW	93.	95.	91.
13 8 23	82.	85.	88.	83.	80.	81.	50.	95.	93.	LOW	89.	93.	84.
13 8 28	85.	91.	92.	87.	82.	80.	80.	95.	95.	LOW	80.	93.	84.
13 8 33	85.	92.	93.	86.	80.	84.	80.	96.	95.	LOW	80.	92.	73.
13 8 43	79.	96.	96.	82.	79.	84.	79.	92.	93.	LOW	91.	94.	77.
13 8 43	79.	99.	96.	83.	78.	31.	79.	93.	94.	LOW	91.	92.	90.
13 8 48	80.	99.	101.	85.	80.	79.	79.	95.	94.	LOW	91.	92.	87.
13 8 53	82.	99.	108.	86.	81.	69.	77.	96.	92.	LOW	87.	91.	81.
13 9 3	84.	105.	101.	86.	81.	79.	77.	88.	97.	LOW	92.	92.	87.
13 9 3	82.	133.	102.	86.	80.	82.	78.	94.	97.	LOW	91.	95.	86.
13 9 13	84.	108.	105.	87.	80.	86.	80.	90.	101.	LOW	91.	95.	86.
13 9 18	82.	105.	106.	87.	80.	95.	80.	100.	99.	LOW	84.	90.	83.
13 9 23	83.	108.	110.	86.	80.	78.	79.	91.	98.	LOW	91.	90.	87.
13 9 28	83.	110.	111.	86.	80.	77.	79.	92.	98.	LOW	91.	90.	87.
13 9 33	79.	107.	111.	84.	80.	77.	79.	92.	98.	LOW	91.	90.	87.
13 9 33	80.	110.	114.	84.	80.	78.	79.	96.	97.	LOW	87.	90.	80.
13 9 33	82.	113.	117.	84.	80.	69.	78.	96.	97.	LOW	86.	90.	80.
13 9 34	83.	114.	119.	84.	80.	69.	78.	96.	97.	LOW	86.	90.	80.
13 9 43	83.	121.	117.	84.	80.	78.	79.	96.	97.	LOW	86.	90.	80.
13 9 48	84.	121.	117.	84.	80.	78.	79.	96.	97.	LOW	86.	90.	80.
13 9 53	82.	117.	115.	84.	80.	87.	78.	96.	97.	LOW	86.	90.	80.
13 9 59	84.	119.	119.	84.	80.	78.	79.	96.	97.	LOW	86.	90.	80.
13 10 4	84.	121.	119.	84.	80.	78.	79.	96.	97.	LOW	86.	90.	80.
13 10 9	81.	119.	120.	86.	81.	74.	78.	96.	97.	LOW	86.	90.	80.
13 10 22	82.	124.	125.	86.	80.	79.	78.	96.	97.	LOW	86.	90.	80.
13 10 19	80.	130.	121.	86.	80.	79.	78.	96.	97.	LOW	86.	90.	80.
13 10 24	81.	127.	125.	87.	80.	77.	77.	95.	99.	LOW	89.	91.	86.

TIME M/A/S	EL 109 TEMP APB MMW AFT R/H	PR 20 TEMP OIL CSD INLET L/H ENGINE	PR 22 TEMP OIL CSD OUTLET L/H ENGINE	EC 110 TEMP WEAPNS BAY STA 430	EC 111 TEMP WEAPNS BAY STA 600	EC 112 TEMP WEAPNS BAY STA 341	EC 113 TEMP WEAPNS BAY STA 270	SP 11 TEMP HYD OIL UTL RESEVR	SP 12 TEMP HYD OIL PRIM INLET RUDDER	EC 102 TEMP RADOME AREA TOP STA 24	EC 103 TEMP RADOME AREA TOP STA 72	EC 104 TEMP RADOME AREA TOP STA120	EC 105 TEMP RADOME AREA TOP STA124
13 10 29	82.	121.	132.	86.	80.	74.	76.	131.	97.	LCM	87.	98.	78.
13 10 34	80.	122.	130.	86.	80.	75.	77.	104.	96.	LCM	86.	87.	80.
13 10 39	79.	120.	131.	84.	79.	73.	76.	95.	95.	LCM	84.	87.	79.
13 10 44	81.	125.	129.	85.	79.	79.	77.	95.	97.	LCM	86.	88.	84.
13 10 49	83.	130.	126.	87.	74.	82.	78.	97.	99.	LCM	91.	92.	83.
13 10 54	82.	132.	127.	87.	75.	84.	78.	97.	99.	LCM	88.	91.	83.
13 11 43	80.	130.	139.	86.	80.	73.	77.	110.	101.	LCM	87.	92.	80.
13 11 48	81.	133.	142.	86.	84.	73.	77.	105.	100.	LCM	88.	92.	80.
13 11 53	82.	136.	145.	85.	80.	76.	75.	105.	96.	LCM	91.	91.	85.
13 12 3	80.	137.	145.	85.	80.	75.	76.	108.	97.	LCM	90.	90.	83.
13 12 8	83.	137.	149.	76.	80.	76.	77.	105.	95.	LCM	90.	90.	84.
13 12 13	81.	145.	141.	84.	79.	76.	79.	104.	96.	LCM	88.	88.	84.
13 12 18	83.	144.	152.	85.	80.	73.	79.	108.	98.	LCM	83.	91.	83.
13 12 23	82.	150.	146.	86.	80.	77.	79.	109.	98.	LCM	84.	90.	79.
13 12 28	82.	148.	149.	87.	79.	74.	78.	100.	101.	LCM	86.	86.	74.
13 12 33	82.	150.	151.	85.	78.	81.	76.	100.	100.	LCM	85.	87.	76.
13 12 38	82.	144.	155.	85.	79.	81.	76.	103.	98.	LCM	88.	89.	84.
13 12 43	82.	150.	151.	86.	79.	82.	78.	103.	99.	LCM	84.	86.	80.
13 12 48	82.	156.	152.	87.	80.	76.	79.	108.	98.	LCM	85.	90.	78.
13 12 53	82.	150.	154.	87.	77.	75.	79.	109.	98.	LCM	87.	89.	79.
13 12 58	83.	149.	159.	86.	78.	80.	77.	110.	98.	LCM	87.	94.	84.
13 13 3	85.	148.	160.	86.	77.	80.	78.	110.	97.	LCM	84.	92.	84.
13 13 9	85.	152.	160.	86.	79.	80.	79.	106.	100.	LCM	84.	93.	86.
13 13 14	84.	155.	157.	86.	79.	84.	79.	105.	102.	LCM	84.	91.	88.
13 13 19	83.	154.	158.	90.	81.	74.	81.	109.	101.	LCM	84.	88.	81.
13 13 24	85.	154.	159.	90.	80.	75.	78.	109.	100.	LCM	85.	90.	81.
13 13 29	79.	159.	156.	89.	77.	95.	79.	105.	103.	LCM	86.	90.	79.
13 13 34	81.	158.	158.	90.	79.	51.	79.	108.	101.	LCM	85.	89.	79.
13 13 39	82.	164.	162.	90.	73.	36.	79.	103.	108.	LCM	82.	86.	76.
13 13 44	82.	161.	162.	90.	79.	83.	78.	105.	108.	LCM	85.	88.	80.
13 13 49	83.	163.	163.	88.	80.	88.	79.	106.	101.	LCM	84.	88.	80.
13 13 54	84.	163.	161.	91.	79.	87.	79.	106.	103.	LCM	83.	88.	78.
13 14 4	86.	164.	168.	91.	80.	74.	82.	112.	101.	LCM	88.	94.	79.
13 14 9	84.	164.	168.	91.	80.	84.	75.	105.	104.	LCM	81.	86.	74.
13 14 14	84.	168.	163.	91.	80.	86.	77.	106.	103.	LCM	82.	87.	77.
13 14 19	83.	166.	165.	89.	79.	86.	77.	106.	103.	LCM	85.	87.	77.
13 14 24	82.	163.	160.	87.	79.	85.	80.	109.	103.	LCM	85.	88.	78.
13 14 29	83.	162.	169.	86.	74.	86.	80.	108.	103.	LCM	83.	88.	76.
13 14 34	85.	168.	167.	86.	80.	78.	80.	111.	104.	LCM	83.	88.	76.
13 14 39	85.	168.	169.	85.	80.	93.	80.	110.	104.	LCM	85.	89.	77.
13 14 44	85.	165.	173.	87.	80.	76.	79.	117.	108.	LCM	82.	91.	74.
13 14 49	83.	166.	170.	88.	80.	92.	79.	113.	100.	LCM	82.	89.	75.
13 14 54	64.	168.	172.	89.	78.	93.	79.	110.	103.	LCM	86.	88.	82.
13 15 4	84.	165.	175.	89.	78.	84.	78.	113.	102.	LCM	88.	91.	82.
13 15 9	86.	170.	175.	88.	80.	78.	79.	112.	103.	LCM	87.	91.	78.
13 15 14	85.	173.	173.	89.	79.	77.	79.	111.	104.	LCM	85.	90.	77.
13 15 19	82.	174.	176.	90.	79.	53.	60.	118.	105.	LCM	78.	82.	76.

TIME M/H/S	EC 105 TEMP APB	PR 20 TEMP OIL	PR 22 TEMP OIL	EC 110 TEMP WEAPNS	EC 111 TEMP WEAPNS	EC 112 TEMP WEAPNS	EC 113 TEMP WEAPNS	SP 11 TEMP HYD	SP 12 TEMP HYD	EC 102 TEMP RADOME	EC 103 TEMP RADOME	EC 104 TEMP RADOME	EC 105 TEMP RADOME
13 15 19	86.	170.	179.	89.	79.	80.	79.	113.	10.	LCM	85.	87.	79.
13 15 24	87.	170.	176.	89.	79.	78.	78.	117.	103.	LCM	93.	31.	82.
13 15 29	85.	176.	174.	90.	79.	76.	79.	112.	104.	LCM	85.	86.	79.
13 15 34	86.	171.	176.	91.	78.	78.	80.	120.	181.	LCM	90.	91.	85.
13 15 39	85.	174.	177.	92.	78.	78.	79.	116.	183.	LCM	88.	88.	79.
13 15 44	87.	176.	181.	93.	73.	76.	79.	113.	186.	LCM	87.	84.	75.
13 15 50	87.	175.	182.	90.	76.	75.	74.	116.	181.	LCM	86.	87.	77.
13 15 55	84.	180.	179.	92.	76.	79.	76.	109.	186.	LCM	83.	84.	73.
13 16 0	84.	181.	176.	91.	78.	79.	76.	109.	186.	LCM	84.	84.	74.
13 16 5	82.	181.	180.	93.	78.	78.	80.	108.	186.	LCM	84.	84.	75.
13 16 10	84.	176.	185.	93.	78.	82.	79.	113.	184.	LCM	84.	84.	78.
13 16 15	83.	181.	182.	96.	79.	85.	80.	110.	186.	LCM	84.	84.	73.
13 16 20	81.	181.	182.	94.	73.	87.	78.	110.	186.	LCM	85.	87.	75.
13 16 25	84.	184.	180.	94.	80.	79.	80.	111.	186.	LCM	82.	88.	69.
13 16 30	84.	186.	181.	93.	79.	83.	80.	109.	187.	LCM	81.	86.	73.
13 16 35	86.	177.	191.	94.	73.	78.	79.	119.	184.	LCM	89.	92.	85.
13 16 40	85.	183.	188.	95.	79.	85.	80.	117.	184.	LCM	86.	89.	82.
13 16 50	85.	183.	187.	95.	79.	81.	77.	115.	182.	LCM	85.	91.	83.
13 16 55	83.	183.	187.	95.	73.	78.	79.	113.	186.	LCM	86.	84.	74.
13 17 0	84.	186.	186.	95.	79.	78.	79.	112.	187.	LCM	85.	86.	74.
13 17 10	83.	183.	193.	95.	80.	78.	76.	116.	184.	LCM	84.	89.	82.
13 17 15	84.	182.	190.	96.	79.	85.	78.	118.	184.	LCM	88.	88.	84.
13 17 20	84.	184.	184.	99.	86.	82.	75.	108.	184.	LCM	86.	35.	73.
13 17 25	83.	186.	187.	99.	80.	79.	75.	110.	187.	LCM	82.	82.	75.
13 17 30	81.	191.	191.	99.	80.	82.	76.	114.	187.	LCM	80.	82.	73.
13 17 35	86.	191.	193.	100.	80.	75.	79.	116.	186.	LCM	84.	87.	78.
13 17 40	84.	193.	190.	100.	80.	75.	79.	114.	186.	LCM	90.	86.	78.
13 17 45	84.	190.	194.	100.	80.	76.	79.	113.	186.	LCM	86.	91.	80.
13 17 50	86.	190.	194.	100.	80.	76.	80.	117.	186.	LCM	86.	89.	80.
13 17 55	82.	190.	195.	98.	82.	79.	80.	118.	185.	LCM	87.	89.	73.
13 18 0	83.	186.	197.	98.	79.	84.	85.	115.	187.	LCM	86.	89.	76.
13 18 5	86.	187.	199.	95.	73.	84.	78.	117.	185.	LCM	85.	88.	75.
13 18 10	85.	187.	199.	96.	79.	86.	79.	116.	185.	LCM	88.	92.	80.
13 18 15	85.	189.	194.	101.	74.	78.	80.	117.	186.	LCM	87.	89.	79.
13 18 20	84.	192.	196.	99.	73.	79.	80.	117.	186.	LCM	86.	89.	76.
13 18 26	82.	189.	200.	93.	77.	81.	79.	117.	187.	LCM	85.	88.	74.
13 18 31	83.	194.	197.	95.	77.	87.	76.	115.	185.	LCM	84.	90.	85.
13 18 36	82.	191.	199.	94.	79.	87.	79.	115.	185.	LCM	82.	87.	78.
13 18 41	82.	192.	200.	93.	79.	87.	79.	118.	185.	LCM	84.	88.	74.
13 18 46	85.	199.	194.	95.	81.	78.	80.	118.	181.	LCM	83.	88.	73.
13 18 51	79.	197.	198.	96.	80.	80.	80.	113.	181.	LCM	83.	86.	73.
13 18 56	82.	193.	201.	95.	79.	80.	80.	116.	188.	LCM	85.	89.	77.
13 19 1	83.	196.	200.	94.	78.	80.	80.	119.	188.	LCM	83.	89.	74.
13 19 6	84.	198.	206.	92.	78.	84.	80.	117.	187.	LCM	88.	88.	78.
13 19 11	84.	190.	206.	92.	78.	79.	80.	124.	184.	LCM	89.	90.	84.
13 19 16	84.	189.	207.	93.	78.	85.	76.	122.	183.	LCM	88.	89.	79.
13 19 21	84.	193.	204.	93.	79.	86.	79.	121.	183.	LCM	87.	87.	80.

TIME H/M/S	EC 109 TEMP APB MMH AFT R/H	PR 20 TEMP OIL CSD INLET L/H ENGINE	PR 22 TEMP OIL CSD OUTLET L/H ENGINE	EC 110 TEMP WEAPNS BAY STA 400	EC 111 TEMP WEAPNS BAY STA 400	EC 112 TEMP WEAPNS BAY STA 341	EC 113 TEMP WEAPNS BAY STA 276	SP 11 TEMP HYD OIL UTL RESEVR	SP 12 TEMP HYD OIL PRIM INLET RUDDER	EC 102 TEMP RADOME AREA TOP STA 24	EC 103 TEMP RADOME AREA TOP STA 72	EC 104 TEMP RADOME AREA TOP STA 120	EC 105 TEMP RADOME AREA TOP STA 124
13 22 24	82.	200.	201.	93.	78.	82.	80.	116.	186.	LOM	91.	84.	82.
13 22 29	81.	208.	212.	99.	79.	84.	79.	118.	187.	LOM	84.	79.	79.
13 22 34	80.	210.	221.	106.	82.	74.	79.	120.	188.	LOM	88.	89.	78.
13 22 39	83.	216.	223.	105.	81.	79.	79.	120.	186.	LOM	87.	89.	77.
13 22 44	85.	219.	221.	106.	82.	76.	76.	119.	186.	LOM	85.	90.	75.
13 22 49	86.	218.	224.	106.	82.	77.	77.	121.	186.	LOM	85.	90.	74.
13 22 54	85.	224.	219.	108.	80.	78.	79.	115.	110.	LOM	86.	86.	71.
13 22 59	85.	224.	219.	107.	83.	77.	79.	117.	113.	LOM	87.	87.	73.
13 23 4	74.	218.	224.	108.	81.	76.	79.	123.	188.	LOM	85.	90.	79.
13 23 9	76.	218.	226.	104.	82.	61.	79.	122.	187.	LOM	84.	89.	79.
13 23 14	64.	218.	231.	103.	80.	55.	78.	124.	186.	LOM	86.	90.	86.
13 23 19	85.	219.	228.	104.	81.	90.	79.	122.	186.	LOM	87.	87.	82.
13 23 24	82.	226.	221.	103.	82.	79.	78.	117.	189.	LOM	80.	83.	64.
13 23 29	83.	222.	226.	105.	81.	78.	77.	121.	187.	LOM	84.	87.	74.
13 23 34	84.	224.	224.	103.	80.	78.	78.	120.	188.	LOM	84.	80.	73.
13 23 39	79.	226.	226.	105.	82.	78.	78.	117.	189.	LOM	84.	80.	69.
13 23 44	83.	224.	238.	104.	82.	80.	79.	120.	187.	LOM	85.	37.	76.
13 23 49	84.	223.	229.	103.	75.	87.	79.	119.	189.	LOM	83.	86.	76.
13 23 54	85.	225.	230.	102.	79.	82.	76.	120.	188.	LOM	84.	87.	78.
13 24 0	81.	229.	226.	100.	82.	87.	78.	117.	180.	LOM	80.	86.	68.
13 24 5	83.	226.	230.	100.	82.	80.	78.	122.	189.	LOM	82.	89.	75.
13 24 10	82.	226.	230.	101.	81.	84.	78.	119.	188.	LOM	86.	88.	78.
13 24 15	81.	226.	231.	101.	81.	86.	78.	120.	188.	LOM	86.	88.	76.
13 24 20	83.	229.	230.	100.	80.	87.	79.	116.	188.	LOM	82.	87.	78.
13 24 25	82.	226.	231.	100.	80.	86.	78.	119.	188.	LOM	84.	87.	78.
13 24 30	84.	231.	231.	101.	74.	76.	78.	115.	186.	LOM	82.	85.	75.
13 24 35	84.	228.	233.	98.	77.	77.	78.	122.	187.	LOM	81.	87.	75.
13 24 40	82.	227.	234.	97.	81.	53.	78.	121.	187.	LOM	84.	87.	75.
13 24 45	83.	228.	234.	97.	81.	82.	77.	121.	187.	LOM	85.	90.	78.
13 24 50	82.	230.	230.	97.	80.	92.	77.	119.	187.	LOM	80.	82.	74.
13 25 0	82.	231.	230.	98.	83.	81.	78.	117.	182.	LOM	81.	83.	69.
13 25 5	84.	230.	236.	99.	81.	74.	79.	125.	186.	LOM	88.	88.	79.
13 25 10	84.	231.	234.	99.	81.	75.	79.	123.	187.	LOM	86.	88.	77.
13 25 15	82.	232.	235.	98.	79.	68.	74.	120.	186.	LOM	79.	83.	74.
13 25 20	84.	232.	235.	98.	79.	52.	75.	121.	184.	LOM	83.	87.	78.
13 25 25	85.	232.	235.	100.	82.	73.	78.	120.	187.	LOM	83.	84.	81.
13 25 30	85.	232.	239.	96.	81.	70.	78.	120.	187.	LOM	35.	86.	81.
13 25 35	82.	231.	237.	97.	80.	84.	78.	121.	185.	LOM	85.	91.	77.
13 25 40	82.	231.	239.	98.	81.	79.	78.	123.	185.	LOM	47.	90.	77.
13 25 45	82.	234.	234.	98.	83.	80.	59.	121.	185.	LOM	76.	86.	72.
13 25 50	83.	234.	234.	96.	82.	81.	59.	121.	185.	LOM	82.	87.	75.
13 25 55	84.	237.	239.	95.	81.	74.	78.	115.	180.	LOM	82.	79.	68.
13 26 0	84.	237.	237.	96.	80.	77.	78.	117.	180.	LOM	82.	81.	68.
13 26 5	84.	229.	244.	90.	81.	92.	78.	124.	189.	LOM	84.	84.	84.
13 26 10	83.	229.	240.	91.	81.	79.	78.	121.	189.	LOM	83.	87.	76.
13 26 15	83.	234.	242.	93.	85.	71.	77.	129.	182.	LOM	85.	87.	69.
13 26 20	83.	234.	242.	92.	83.	76.	77.	126.	183.	LOM	82.	84.	71.
13 26 25	83.	231.	244.	92.	81.	82.	77.	129.	180.	LOM	86.	93.	85.

TIME M/M/S	EC 105 TEMP AMB MMW AFT R/H	PR 20 TEMP OIL CSD INLET L/H ENGINE	PR 22 TEMP OIL CSD OUTLET L/H ENGINE	EC 110 TEMP WEAPNS BAY STA 460	EC 111 TEMP WEAPNS BAY STA 400	LC 112 TEMP WEAPNS BAY STA 341	EC 113 TEMP WEAPNS BAY STA 276	SP 11 TEMP HYD OIL UTL RESEVR	SP 12 TEMP MYJ OIL PRIM INLET RUDDER	EC 102 TEMP RADOME AREA TOP STA 26	EC 103 TEMP RADOME AREA TOP STA 72	EC 104 TEMP RADOME AREA TOP STA120	EC 105 TEMP RADOME AREA TOP STA124
13 26 26	83.	233.	242.	93.	81.	82.	77.	127.	111.	LOM	83.	82.	78.
13 26 31	84.	235.	242.	94.	82.	69.	78.	127.	113.	LOM	84.	88.	78.
13 26 36	82.	238.	241.	94.	82.	77.	78.	124.	116.	LOM	84.	87.	74.
13 26 41	84.	239.	242.	91.	86.	87.	78.	123.	114.	LOM	82.	88.	76.
13 26 46	85.	237.	245.	92.	82.	82.	73.	125.	114.	LOM	86.	80.	73.
13 49 13	84.	276.	289.	93.	82.	71.	73.	130.	114.	LOM	83.	83.	73.
13 49 18	83.	279.	285.	94.	81.	74.	72.	126.	114.	LOM	80.	75.	69.
13 49 23	83.	277.	285.	97.	81.	73.	73.	127.	113.	LOM	80.	72.	69.
13 49 28	82.	272.	287.	96.	80.	75.	73.	134.	111.	LOM	80.	75.	66.
13 49 33	82.	274.	289.	96.	80.	77.	71.	133.	112.	LOM	80.	75.	66.
13 49 38	85.	263.	284.	94.	82.	74.	72.	121.	115.	LOM	85.	86.	69.
13 49 43	82.	278.	288.	94.	81.	71.	73.	126.	113.	LOM	85.	86.	73.
13 49 48	81.	275.	288.	96.	81.	73.	73.	134.	112.	LOM	82.	80.	74.
13 49 53	85.	273.	288.	96.	81.	73.	73.	132.	113.	LOM	83.	82.	75.
13 50 3	82.	275.	287.	98.	80.	77.	74.	132.	112.	LOM	82.	82.	69.
13 50 13	82.	275.	287.	97.	81.	75.	74.	132.	112.	LOM	82.	81.	69.
13 50 18	84.	279.	285.	95.	81.	76.	73.	129.	112.	LOM	80.	81.	69.
13 53 18	84.	281.	283.	97.	80.	74.	74.	124.	113.	LOM	82.	83.	73.
13 50 23	83.	283.	283.	97.	80.	80.	73.	127.	112.	LOM	82.	82.	76.
13 50 28	82.	281.	284.	97.	80.	80.	73.	125.	113.	LOM	81.	84.	75.
13 50 33	78.	282.	282.	97.	80.	81.	73.	125.	114.	LOM	84.	87.	74.
13 50 38	85.	284.	288.	97.	81.	74.	72.	123.	113.	LOM	83.	86.	78.
13 50 43	84.	282.	288.	98.	82.	72.	72.	124.	113.	LOM	86.	85.	75.
13 50 48	85.	282.	288.	98.	82.	76.	72.	124.	113.	LOM	86.	85.	75.
13 50 54	85.	286.	288.	98.	82.	75.	73.	121.	114.	LOM	84.	84.	74.
13 50 59	86.	283.	283.	98.	82.	75.	73.	121.	114.	LOM	84.	84.	74.
13 51 4	84.	274.	289.	98.	82.	69.	72.	125.	112.	LOM	86.	85.	74.
13 51 9	82.	278.	289.	98.	82.	74.	73.	127.	112.	LOM	85.	74.	73.
13 51 14	85.	281.	284.	98.	80.	76.	72.	130.	112.	LOM	80.	82.	68.
13 51 19	85.	283.	285.	98.	80.	76.	72.	125.	113.	LOM	85.	83.	73.
13 51 24	85.	283.	285.	97.	81.	72.	72.	122.	114.	LOM	87.	84.	73.
13 51 29	86.	275.	290.	97.	82.	67.	73.	121.	111.	LOM	82.	82.	69.
14 3 13	85.	280.	293.	104.	83.	74.	74.	127.	112.	LOM	83.	81.	68.
14 3 18	82.	290.	293.	106.	84.	82.	69.	118.	113.	LOM	83.	81.	68.
14 3 23	83.	290.	290.	107.	85.	76.	71.	125.	113.	LOM	83.	82.	74.
14 3 33	84.	276.	288.	98.	85.	71.	74.	131.	109.	LOM	84.	82.	78.
14 3 38	83.	275.	290.	100.	86.	69.	76.	126.	113.	LOM	86.	76.	63.
14 3 43	79.	274.	287.	100.	85.	71.	74.	131.	113.	LOM	86.	78.	63.
14 3 48	82.	274.	287.	99.	86.	70.	74.	131.	108.	LOM	82.	81.	65.
14 3 53	84.	285.	288.	99.	86.	70.	74.	131.	107.	LOM	84.	80.	67.
14 3 58	83.	280.	290.	99.	84.	82.	73.	117.	114.	LOM	84.	80.	67.
14 4 3	83.	278.	286.	100.	85.	75.	74.	124.	112.	LOM	82.	84.	76.
14 4 8	82.	274.	285.	100.	85.	78.	75.	131.	108.	LOM	83.	84.	58.
14 4 13	86.	272.	285.	103.	84.	70.	73.	129.	107.	LOM	80.	83.	67.
14 4 18	87.	273.	290.	103.	82.	74.	73.	121.	111.	LOM	82.	86.	74.
14 4 19	87.	273.	291.	104.	83.	72.	74.	123.	110.	LOM	84.	84.	72.
14 4 24	87.	272.	293.	105.	84.	59.	73.	123.	110.	LOM	82.	82.	59.
14 4 24	87.	272.	289.	105.	87.	60.	74.	121.	110.	LOM	84.	83.	70.

TIME H/M/S	EC 105 TEMP AFB PRM AFT R/H	PR 20 TEMP OIL CSU INLET L/H ENGINE	PR 22 TEMP OIL CSU OUTLET L/H ENGINE	EC 110 TEMP WEAPNS BAY STA 450	EC 111 TEMP WEAPNS 3AV STA 400	EC 112 TEMP WEAPNS BAY STA 341	EC 113 TEMP WEAPNS BAY STA 276	SP 11 TEMP MVD OIL UTL RESEVR	SP 12 TEMP MYJ OIL PRIM INLET KUDDER	EC 102 TEMP RAJOME AREA TOP STA 24	EC 103 TEMP RAJOME OIL TOP STA 72	EC 104 TEMP RAJOME AREA TOP STA120	EC 105 TEMP RAJOME AREA TOP STA124
10													
14 13 4	86.	281.	295.	104.	88.	79.	75.	128.	112.	LOW	80.	78.	65.
14 18 4	86.	275.	291.	111.	88.	71.	74.	129.	119.	LCM	82.	84.	85.
14 18 9	87.	277.	292.	109.	87.	53.	75.	125.	111.	LCM	82.	35.	69.
14 18 14	86.	285.	288.	108.	87.	53.	74.	123.	114.	LCM	80.	88.	69.
14 18 19	88.	286.	289.	107.	88.	32.	75.	120.	113.	LCM	80.	82.	67.
14 32 7	86.	290.	290.	102.	84.	76.	74.	136.	108.	LCM	80.	83.	69.
14 32 13	80.	287.	292.	101.	84.	76.	73.	131.	109.	LCM	86.	66.	72.
14 32 18	84.	283.	294.	101.	84.	76.	73.	125.	112.	LCM	85.	84.	69.
14 32 23	86.	282.	287.	100.	85.	77.	72.	125.	110.	LCM	74.	79.	64.
14 32 28	85.	279.	294.	102.	86.	77.	74.	125.	109.	LCM	78.	76.	63.
14 32 33	86.	277.	293.	102.	85.	77.	73.	125.	108.	LCM	82.	76.	63.
14 32 39	87.	275.	290.	100.	86.	77.	74.	124.	104.	LCM	88.	82.	65.
14 32 44	87.	275.	290.	100.	85.	77.	74.	124.	104.	LCM	81.	81.	65.
14 32 49	86.	274.	286.	97.	85.	77.	74.	130.	107.	LCM	81.	84.	66.
14 32 54	86.	275.	285.	100.	86.	78.	74.	127.	107.	LCM	83.	81.	68.
14 32 59	86.	273.	280.	103.	85.	78.	74.	125.	107.	LCM	82.	81.	67.
14 33 4	86.	274.	279.	103.	85.	78.	74.	124.	107.	LCM	82.	82.	67.
14 33 9	86.	274.	276.	102.	84.	78.	74.	124.	107.	LCM	82.	82.	67.
14 33 14	86.	273.	273.	102.	84.	78.	74.	124.	107.	LCM	82.	82.	67.

C COMMUTATOR

TIME M/H/S	SP TEMP HYD OIL INLET PUMP	SP TEMP HYD OIL INLET PRIMARY PUMP	EC 94 TEMP FWD EQUIP AFT CMEK L/H	EC 95 TEMP FWD EQUIP AFT CMEK L/H	EC 96 TEMP FWD EQUIP AFT CMEK L/H	EC 97 TEMP AFT EQUIP AFT CMEK R/H	EC 58 DOPP PROCES	EC 69 LO VOLT POS UP	EC 70 ELEC PROC UT	EC 71 XMR HEATX IN	EC 72 XMR HEATX OUT	EC 73 CAEC	EC 74 MAX COMP UNT
13 1 1	84.	86.	87.	32.	92.	31.	LOW	88.	84.	22.	78.	88.	88.
13 1 12	85.	85.	87.	92.	88.	32.	LOW	88.	84.	81.	78.	88.	88.
13 1 17	86.	84.	90.	92.	91.	33.	LOW	89.	86.	79.	79.	86.	87.
13 1 22	86.	84.	90.	92.	91.	32.	LOW	89.	84.	88.	79.	88.	87.
13 1 27	86.	85.	89.	92.	90.	32.	LOW	90.	85.	82.	80.	85.	88.
13 1 32	86.	86.	89.	93.	91.	32.	LOW	89.	88.	81.	79.	86.	88.
13 1 37	86.	86.	89.	91.	91.	33.	LOW	89.	88.	82.	78.	86.	88.
13 1 42	86.	84.	89.	91.	91.	33.	LOW	89.	88.	81.	79.	86.	88.
13 1 47	86.	85.	89.	91.	91.	34.	LOW	89.	88.	81.	79.	86.	88.
13 1 52	86.	85.	89.	91.	91.	34.	LOW	89.	88.	81.	79.	86.	88.
13 1 57	86.	85.	89.	91.	91.	34.	LOW	89.	88.	81.	79.	86.	88.
13 2 2	86.	85.	89.	91.	91.	34.	LOW	89.	88.	81.	79.	86.	88.
13 2 7	86.	85.	89.	91.	91.	34.	LOW	89.	88.	81.	79.	86.	88.
13 2 12	86.	85.	89.	91.	91.	34.	LOW	89.	88.	81.	79.	86.	88.
13 2 17	86.	85.	89.	91.	91.	34.	LOW	89.	88.	81.	79.	86.	88.
13 2 22	86.	85.	89.	91.	91.	34.	LOW	89.	88.	81.	79.	86.	88.
13 2 27	86.	85.	89.	91.	91.	34.	LOW	89.	88.	81.	79.	86.	88.
13 2 32	86.	85.	89.	91.	91.	34.	LOW	89.	88.	81.	79.	86.	88.
13 2 37	86.	85.	89.	91.	91.	34.	LOW	89.	88.	81.	79.	86.	88.
13 2 42	86.	85.	89.	91.	91.	34.	LOW	89.	88.	81.	79.	86.	88.
13 2 47	86.	85.	89.	91.	91.	34.	LOW	89.	88.	81.	79.	86.	88.
13 2 52	86.	85.	89.	91.	91.	34.	LOW	89.	88.	81.	79.	86.	88.
13 2 57	86.	85.	89.	91.	91.	34.	LOW	89.	88.	81.	79.	86.	88.
13 3 2	86.	85.	89.	91.	91.	34.	LOW	89.	88.	81.	79.	86.	88.
13 3 7	86.	85.	89.	91.	91.	34.	LOW	89.	88.	81.	79.	86.	88.
13 3 12	86.	85.	89.	91.	91.	34.	LOW	89.	88.	81.	79.	86.	88.
13 3 17	86.	85.	89.	91.	91.	34.	LOW	89.	88.	81.	79.	86.	88.
13 3 22	86.	85.	89.	91.	91.	34.	LOW	89.	88.	81.	79.	86.	88.
13 3 27	86.	85.	89.	91.	91.	34.	LOW	89.	88.	81.	79.	86.	88.
13 3 32	86.	85.	89.	91.	91.	34.	LOW	89.	88.	81.	79.	86.	88.
13 3 37	86.	85.	89.	91.	91.	34.	LOW	89.	88.	81.	79.	86.	88.
13 3 42	86.	85.	89.	91.	91.	34.	LOW	89.	88.	81.	79.	86.	88.
13 3 47	86.	85.	89.	91.	91.	34.	LOW	89.	88.	81.	79.	86.	88.
13 3 52	86.	85.	89.	91.	91.	34.	LOW	89.	88.	81.	79.	86.	88.
13 3 57	86.	85.	89.	91.	91.	34.	LOW	89.	88.	81.	79.	86.	88.
13 4 2	86.	85.	89.	91.	91.	34.	LOW	89.	88.	81.	79.	86.	88.
13 4 7	86.	85.	89.	91.	91.	34.	LOW	89.	88.	81.	79.	86.	88.
13 4 12	86.	85.	89.	91.	91.	34.	LOW	89.	88.	81.	79.	86.	88.
13 4 17	86.	85.	89.	91.	91.	34.	LOW	89.	88.	81.	79.	86.	88.
13 4 22	86.	85.	89.	91.	91.	34.	LOW	89.	88.	81.	79.	86.	88.
13 4 27	86.	85.	89.	91.	91.	34.	LOW	89.	88.	81.	79.	86.	88.
13 4 32	86.	85.	89.	91.	91.	34.	LOW	89.	88.	81.	79.	86.	88.
13 4 37	86.	85.	89.	91.	91.	34.	LOW	89.	88.	81.	79.	86.	88.
13 4 42	86.	85.	89.	91.	91.	34.	LOW	89.	88.	81.	79.	86.	88.
13 4 47	86.	85.	89.	91.	91.	34.	LOW	89.	88.	81.	79.	86.	88.
13 4 52	86.	85.	89.	91.	91.	34.	LOW	89.	88.	81.	79.	86.	88.
13 4 57	86.	85.	89.	91.	91.	34.	LOW	89.	88.	81.	79.	86.	88.
13 5 2	86.	85.	89.	91.	91.	34.	LOW	89.	88.	81.	79.	86.	88.
13 5 7	86.	85.	89.	91.	91.	34.	LOW	89.	88.	81.	79.	86.	88.
13 5 12	86.	85.	89.	91.	91.	34.	LOW	89.	88.	81.	79.	86.	88.
13 5 17	86.	85.	89.	91.	91.	34.	LOW	89.	88.	81.	79.	86.	88.
13 5 22	86.	85.	89.	91.	91.	34.	LOW	89.	88.	81.	79.	86.	88.
13 5 27	86.	85.	89.	91.	91.	34.	LOW	89.	88.	81.	79.	86.	88.
13 5 32	86.	85.	89.	91.	91.	34.	LOW	89.	88.	81.	79.	86.	88.
13 5 37	86.	85.	89.	91.	91.	34.	LOW	89.	88.	81.	79.	86.	88.
13 5 42	86.	85.	89.	91.	91.	34.	LOW	89.	88.	81.	79.	86.	88.
13 5 47	86.	85.	89.	91.	91.	34.	LOW	89.	88.	81.	79.	86.	88.
13 5 52	86.	85.	89.	91.	91.	34.	LOW	89.	88.	81.	79.	86.	88.
13 5 57	86.	85.	89.	91.	91.	34.	LOW	89.	88.	81.	79.	86.	88.
13 6 2	86.	85.	89.	91.	91.	34.	LOW	89.	88.	81.	79.	86.	88.
13 6 7	86.	85.	89.	91.	91.	34.	LOW	89.	88.	81.	79.	86.	88.
13 6 12	86.	85.	89.	91.	91.	34.	LOW	89.	88.	81.	79.	86.	88.
13 6 17	86.	85.	89.	91.	91.	34.	LOW	89.	88.	81.	79.	86.	88.

TIME H/M/S	SF TEMP HYD OIL INLET UTL PLMP	SP TEMP HYD OIL INLET PRIMARY PUMP	EC 94 TEMP FWD EQUIP AFT CHECK L/H	EC 95 TEMP FWD EQUIP AFT CHECK L/H	EC 96 TEMP FWD EQUIP AFT CHECK L/H	EC 97 TEMP FWD EQUIP AFT CHECK R/H	LC 68 DOPP PROCES	EC 69 LO VOLT POS UP	EC 70 ELEC PROC UT	EC 71 XMR HEATX IN	EC 72 XMR HEATX OUT	EC 73 CAUC	EC 74 NAK COMP UNT
13 6 22	85.	85.	90.	96.	86.	90.	LOW	73.	75.	56.	56.	78.	70.
13 6 27	85.	84.	89.	98.	90.	90.	LOW	86.	84.	58.	61.	88.	69.
13 6 37	85.	84.	99.	97.	90.	90.	LOW	86.	83.	58.	59.	82.	59.
13 6 42	86.	86.	90.	96.	91.	90.	LOW	91.	91.	63.	69.	95.	85.
13 6 47	85.	85.	92.	95.	93.	91.	LOW	75.	91.	66.	69.	95.	84.
13 6 47	84.	84.	90.	97.	90.	91.	LOW	75.	77.	53.	53.	81.	71.
13 6 52	75.	84.	90.	98.	92.	91.	LOW	75.	74.	50.	50.	78.	68.
13 6 57	79.	84.	89.	97.	90.	90.	LOW	81.	76.	42.	42.	76.	64.
13 7 2	82.	84.	89.	96.	89.	91.	LOW	80.	75.	44.	49.	76.	61.
13 7 7	85.	84.	90.	93.	89.	90.	LOW	76.	78.	47.	51.	82.	63.
13 7 12	85.	84.	90.	95.	90.	90.	LOW	80.	82.	53.	55.	86.	71.
13 7 18	84.	84.	91.	97.	90.	90.	LOW	84.	80.	61.	61.	91.	79.
13 7 23	85.	86.	90.	96.	91.	91.	LOW	79.	82.	52.	56.	86.	72.
13 7 28	91.	84.	84.	99.	89.	90.	LOW	79.	81.	52.	50.	80.	64.
13 7 33	86.	84.	88.	98.	91.	91.	LOW	78.	79.	50.	48.	80.	66.
13 7 38	86.	84.	89.	95.	90.	90.	LOW	74.	74.	40.	44.	73.	59.
13 7 43	86.	84.	90.	97.	91.	91.	LOW	76.	76.	46.	47.	77.	65.
13 7 48	80.	84.	90.	95.	90.	89.	LOW	74.	74.	43.	46.	76.	66.
13 7 53	86.	86.	91.	95.	89.	89.	LOW	83.	74.	53.	54.	86.	74.
13 7 58	91.	87.	90.	99.	89.	87.	LOW	74.	71.	40.	41.	73.	63.
13 8 3	92.	86.	90.	97.	90.	87.	LOW	82.	82.	51.	51.	83.	78.
13 8 8	95.	84.	90.	101.	90.	90.	LOW	87.	84.	54.	51.	64.	68.
13 8 13	96.	84.	91.	92.	90.	89.	LOW	87.	86.	57.	55.	87.	74.
13 8 18	101.	84.	91.	97.	89.	89.	LOW	83.	87.	53.	56.	92.	79.
13 8 23	100.	79.	91.	96.	92.	90.	LOW	79.	82.	47.	49.	85.	70.
13 8 28	98.	82.	89.	95.	89.	91.	LOW	74.	78.	40.	45.	78.	66.
13 8 33	98.	84.	89.	95.	89.	91.	LOW	79.	81.	46.	48.	82.	69.
13 8 43	98.	84.	91.	99.	91.	88.	LOW	88.	88.	61.	55.	89.	76.
13 8 43	98.	85.	91.	97.	91.	87.	LOW	88.	90.	59.	55.	90.	74.
13 8 48	95.	87.	90.	96.	89.	90.	LOW	82.	81.	48.	45.	78.	62.
13 8 53	97.	88.	90.	97.	89.	90.	LOW	77.	78.	45.	42.	76.	62.
13 9 3	103.	96.	90.	97.	88.	90.	LOW	77.	86.	54.	55.	88.	74.
13 9 13	101.	92.	90.	96.	88.	90.	LOW	79.	89.	47.	49.	83.	68.
13 9 13	105.	98.	90.	97.	91.	90.	LOW	81.	85.	52.	52.	81.	66.
13 9 18	99.	92.	91.	97.	91.	90.	LOW	87.	80.	48.	46.	88.	74.
13 9 23	104.	103.	90.	100.	89.	89.	LOW	88.	79.	55.	58.	88.	73.
13 9 28	93.	100.	89.	98.	90.	90.	LOW	88.	84.	55.	54.	89.	69.
13 9 33	100.	93.	90.	99.	89.	90.	LOW	76.	84.	46.	42.	75.	64.
13 9 38	95.	99.	89.	98.	90.	90.	LOW	82.	84.	51.	49.	83.	69.
13 9 43	100.	97.	90.	101.	89.	89.	LOW	87.	79.	56.	52.	87.	71.
13 9 48	107.	97.	90.	102.	89.	89.	LOW	87.	82.	55.	47.	87.	70.
13 9 53	101.	93.	91.	96.	91.	90.	LOW	75.	84.	45.	44.	79.	66.
13 9 59	109.	97.	89.	97.	90.	90.	LOW	80.	77.	53.	53.	90.	73.
13 10 4	109.	90.	88.	97.	92.	91.	LOW	81.	91.	52.	53.	87.	72.
13 11 9	102.	98.	91.	102.	87.	88.	LOW	88.	83.	52.	52.	87.	65.
13 11 22	105.	98.	91.	100.	89.	89.	LOW	83.	88.	51.	50.	85.	70.
13 11 19	100.	102.	86.	99.	90.	87.	LOW	83.	88.	56.	47.	86.	76.
13 11 24	105.	101.	86.	101.	90.	90.	LOW	84.	88.	53.	52.	90.	73.

TIME H/M/S	SP TEMP HYDROL INLET UTL PUMP	SP TEMP HYD OIL INLET PRIMARY PUMP	EC 94 TEMP FMU EQUIP AFT CHECK L/H	EC 95 TEMP FMU EQUIP AFT CHECK L/H	EC 96 TEMP FMU EQUIP AFT CHECK L/H	EC 97 TEMP AFT EQUIP AFT CHECK R/H	EC 68 DBPP PROLES	EC 69 LO VOLT POS UP	EC 73 ELEC PROC UT	EC 71 XMR HEATX IN	EC 72 XMR HEATX OUT	EC 73 CAOC	EC 74 MAX COMP UNT
13 10 29	100.	94.	91.	98.	98.	98.	LOW	85.	74.	58.	47.	84.	68.
13 10 34	97.	92.	91.	99.	90.	89.	LOW	83.	77.	45.	45.	82.	66.
13 10 39	101.	95.	91.	100.	90.	89.	LOW	84.	81.	45.	45.	82.	68.
13 10 44	105.	98.	98.	98.	89.	86.	LOW	79.	80.	46.	45.	81.	67.
13 10 49	106.	98.	88.	98.	87.	83.	LOW	80.	79.	58.	48.	85.	78.
13 10 54	110.	99.	87.	98.	89.	89.	LOW	77.	79.	44.	44.	82.	67.
13 11 43	101.	95.	95.	97.	88.	83.	LOW	74.	76.	39.	40.	76.	63.
13 11 48	98.	92.	95.	97.	88.	89.	LOW	77.	75.	42.	43.	70.	67.
13 11 58	101.	96.	93.	98.	84.	86.	LOW	78.	77.	46.	45.	80.	71.
13 12 3	100.	97.	92.	99.	87.	87.	LOW	77.	78.	45.	43.	79.	69.
13 12 3	103.	97.	91.	100.	88.	88.	LOW	73.	73.	44.	44.	80.	71.
13 12 8	105.	100.	91.	101.	88.	87.	LOW	76.	80.	45.	44.	80.	71.
13 12 13	106.	97.	88.	98.	90.	88.	LOW	73.	79.	45.	42.	77.	69.
13 12 13	106.	100.	88.	95.	89.	87.	LOW	75.	78.	47.	42.	78.	71.
13 12 20	105.	96.	91.	95.	89.	88.	LOW	76.	83.	40.	47.	76.	69.
13 12 33	103.	103.	98.	95.	98.	88.	LOW	72.	79.	43.	44.	75.	69.
13 12 38	117.	103.	89.	98.	90.	88.	LOW	72.	73.	42.	42.	78.	66.
13 12 43	107.	101.	89.	97.	89.	88.	LOW	73.	78.	42.	41.	77.	65.
13 12 43	107.	102.	92.	102.	87.	88.	LOW	76.	79.	44.	42.	78.	69.
13 12 48	109.	101.	90.	101.	87.	87.	LOW	74.	77.	41.	42.	77.	67.
13 12 53	108.	104.	89.	97.	87.	86.	LOW	73.	77.	42.	37.	76.	64.
13 12 58	108.	101.	90.	97.	87.	87.	LOW	73.	76.	42.	40.	77.	65.
13 13 3	103.	97.	91.	100.	86.	86.	LOW	74.	75.	43.	42.	76.	67.
13 13 9	101.	98.	93.	101.	88.	86.	LOW	74.	76.	43.	43.	77.	68.
13 13 14	106.	101.	91.	102.	90.	87.	LOW	76.	76.	46.	42.	77.	71.
13 13 19	111.	101.	90.	100.	90.	87.	LOW	73.	78.	45.	42.	77.	68.
13 13 24	107.	103.	88.	97.	87.	86.	LOW	74.	66.	44.	42.	75.	67.
13 13 29	107.	99.	89.	97.	91.	86.	LOW	74.	72.	43.	42.	76.	65.
13 13 34	115.	104.	89.	98.	88.	88.	LOW	69.	76.	39.	39.	73.	63.
13 13 39	112.	103.	89.	98.	88.	87.	LOW	71.	75.	42.	40.	74.	64.
13 13 44	119.	107.	86.	98.	89.	85.	LOW	73.	77.	42.	43.	76.	65.
13 13 49	115.	106.	88.	100.	88.	85.	LOW	73.	78.	43.	43.	77.	66.
13 13 54	112.	107.	87.	103.	91.	88.	LOW	73.	78.	45.	40.	76.	53.
13 13 59	115.	106.	87.	100.	90.	89.	LOW	71.	76.	43.	39.	75.	59.
13 14 4	108.	103.	90.	96.	85.	90.	LOW	73.	77.	43.	37.	76.	65.
13 14 9	106.	102.	90.	97.	87.	88.	LOW	72.	74.	43.	39.	75.	67.
13 14 14	118.	107.	87.	95.	85.	87.	LOW	63.	78.	43.	41.	74.	66.
13 14 19	115.	107.	86.	99.	89.	86.	LOW	69.	78.	44.	41.	75.	67.
13 14 24	113.	112.	86.	101.	88.	88.	LOW	73.	76.	40.	44.	74.	66.
13 14 34	115.	109.	89.	101.	88.	87.	LOW	73.	78.	42.	43.	75.	66.
13 14 39	110.	106.	86.	95.	89.	88.	LOW	69.	78.	43.	40.	75.	63.
13 14 44	105.	97.	91.	98.	89.	87.	LOW	70.	78.	42.	41.	76.	64.
13 14 49	110.	107.	89.	100.	89.	85.	LOW	72.	78.	44.	41.	77.	67.
13 15 4	112.	107.	91.	103.	87.	85.	LOW	72.	77.	42.	41.	76.	65.
13 15 9	110.	103.	93.	101.	87.	96.	LOW	71.	75.	41.	39.	74.	64.
13 15 14	111.	103.	88.	95.	90.	87.	LOW	71.	76.	42.	42.	77.	63.
13 15 19	119.	112.	88.	99.	87.	86.	LOW	73.	75.	44.	44.	77.	68.

TIME M/M/S	SP 1	SP 5	EC 94	EC 95	EC 96	EC 97	EC 98	EC 99	EC 70	EC 71	EC 72	EC 73	EC 74
	TEMP HYD OIL INLET UTL PUMP	TEMP HYD OIL INLET PRIMARY PUMP	TEMP FWD AFT EQUIP CHECK L/H	TEMP FWD AFT EQUIP CHECK L/H	TEMP FWD AFT EQUIP CHECK R/H	TEMP FWD AFT EQUIP CHECK R/H	JUMP PROCES	LO VOLT POS UP	ELEC PRUC UT	XPR HEATX IN	XPR HEATX OUT	CAUC	NAX COMP UNT
13 15 19	114.	104.	90.	90.	87.	86.	LOM	71.	75.	42.	42.	75.	67.
13 15 24	105.	105.	90.	90.	83.	86.	LOM	71.	76.	44.	43.	74.	65.
13 15 29	111.	107.	87.	98.	85.	85.	LOM	69.	76.	43.	43.	75.	65.
13 15 34	102.	105.	91.	98.	88.	85.	LOM	68.	72.	40.	40.	72.	65.
13 15 39	109.	105.	89.	98.	81.	86.	LOM	69.	74.	40.	41.	74.	64.
13 15 44	113.	107.	88.	95.	88.	85.	LOM	69.	74.	40.	42.	74.	64.
13 15 50	111.	106.	89.	95.	87.	85.	LOM	69.	74.	38.	42.	75.	64.
13 15 55	117.	113.	88.	97.	87.	88.	LOM	68.	75.	35.	43.	74.	64.
13 16 0	116.	113.	88.	97.	87.	87.	LOM	70.	77.	41.	43.	74.	66.
13 16 5	117.	112.	88.	98.	87.	85.	LOM	69.	75.	42.	42.	78.	65.
13 16 10	113.	105.	91.	98.	87.	86.	LOM	69.	76.	41.	42.	72.	66.
13 16 15	121.	112.	88.	99.	88.	87.	LOM	72.	78.	44.	44.	74.	66.
13 16 20	118.	111.	89.	100.	89.	88.	LOM	71.	77.	41.	42.	74.	66.
13 16 25	116.	110.	86.	94.	89.	88.	LOM	69.	77.	46.	42.	76.	69.
13 16 30	116.	113.	86.	97.	89.	86.	LOM	67.	72.	45.	41.	75.	67.
13 16 35	105.	103.	91.	101.	84.	85.	LOM	67.	72.	40.	40.	69.	64.
13 16 40	108.	104.	88.	98.	86.	86.	LOM	69.	74.	48.	41.	71.	63.
13 16 53	108.	101.	91.	100.	88.	84.	LOM	53.	73.	43.	42.	74.	66.
13 16 50	112.	105.	88.	99.	88.	84.	LOM	61.	73.	39.	43.	74.	66.
13 16 55	117.	106.	88.	96.	87.	86.	LOM	67.	74.	39.	43.	74.	66.
13 17 0	119.	108.	87.	93.	88.	86.	LOM	67.	74.	41.	44.	75.	65.
13 17 10	111.	108.	91.	103.	88.	86.	LOM	69.	72.	42.	41.	78.	63.
13 17 15	106.	106.	91.	101.	87.	84.	LOM	69.	72.	42.	41.	78.	63.
13 17 20	117.	114.	88.	94.	88.	84.	LOM	65.	76.	46.	44.	75.	68.
13 17 25	116.	112.	87.	98.	87.	85.	LOM	67.	74.	45.	44.	75.	68.
13 17 30	116.	108.	87.	99.	87.	84.	LOM	66.	68.	45.	37.	72.	63.
13 17 40	116.	114.	86.	97.	88.	84.	LOM	65.	67.	41.	39.	71.	63.
13 17 45	117.	113.	86.	96.	88.	84.	LOM	65.	67.	42.	44.	74.	67.
13 17 50	111.	110.	89.	98.	84.	85.	LOM	65.	71.	43.	45.	75.	68.
13 17 55	116.	118.	88.	98.	86.	85.	LOM	65.	69.	35.	40.	53.	67.
13 18 0	117.	111.	90.	102.	86.	85.	LOM	65.	66.	39.	36.	63.	66.
13 18 5	106.	105.	91.	100.	87.	86.	LOM	72.	75.	46.	40.	75.	67.
13 18 10	110.	107.	92.	100.	89.	85.	LOM	69.	73.	42.	43.	72.	65.
13 18 15	116.	106.	89.	102.	88.	85.	LOM	69.	71.	41.	42.	73.	63.
13 18 20	116.	106.	88.	95.	87.	86.	LOM	65.	72.	41.	40.	72.	63.
13 18 26	116.	106.	88.	94.	88.	86.	LOM	65.	73.	39.	43.	73.	63.
13 18 31	117.	107.	91.	103.	84.	84.	LOM	67.	74.	41.	42.	74.	64.
13 18 36	117.	110.	90.	100.	88.	85.	LOM	67.	70.	42.	40.	69.	63.
13 18 41	116.	108.	93.	101.	88.	85.	LOM	68.	73.	43.	42.	73.	64.
13 18 46	120.	107.	92.	101.	88.	85.	LOM	70.	83.	44.	42.	74.	64.
13 18 51	117.	105.	84.	95.	88.	86.	LOM	65.	73.	47.	44.	76.	67.
13 18 56	111.	105.	87.	97.	88.	86.	LOM	64.	74.	47.	44.	76.	67.
13 19 1	114.	108.	91.	101.	88.	86.	LOM	64.	71.	48.	44.	73.	65.
13 19 6	107.	103.	88.	101.	85.	83.	LOM	69.	74.	47.	44.	73.	65.
13 19 11	110.	106.	90.	99.	88.	83.	LOM	61.	67.	37.	37.	73.	58.
13 19 16	106.	106.	93.	101.	87.	83.	LOM	64.	69.	39.	40.	66.	60.
13 19 21	113.	111.	92.	99.	87.	84.	LOM	65.	71.	38.	37.	69.	64.

TIME H/M/S	SF TEMP HYD OIL INLET UTL PUMP	SP TEMP HYD OIL INLET PRIMARY PUMP	EC 94 TEMP FWD AFT CHECK L/H	EC 95 TEMP AFT EQUIP CHECK L/H	EC 96 TEMP FWD AFT CHECK R/H	EC 97 TEMP AFT EQUIP CHECK R/H	EC 98 LOPP FROGES	EC 69 LO VOLT POS UP	EC 70 ELEC PROC UT	EC 71 XMR HEATX IN	EC 72 XMR HEATX OUT	EC 73 CADC	EC 74 NAX COMP UNT
13 26 26	140.	115.	90.	36.	87.	85.	LOW	81.	69.	66.	68.	72.	65.
13 26 31	134.	117.	88.	98.	85.	84.	LOW	84.	69.	69.	56.	73.	69.
13 26 36	134.	122.	97.	99.	85.	84.	LOW	84.	70.	69.	59.	74.	68.
13 26 41	116.	124.	88.	103.	90.	83.	LOW	79.	72.	69.	62.	73.	67.
13 26 46	116.	122.	90.	99.	89.	83.	LOW	83.	72.	69.	63.	75.	68.
13 43 0	114.	106.	87.	103.	86.	80.	LOW	95.	72.	62.	56.	73.	71.
13 43 13	117.	178.	87.	100.	86.	81.	LOW	90.	70.	57.	53.	72.	76.
13 43 18	116.	135.	86.	97.	84.	80.	LOW	90.	65.	57.	52.	68.	66.
13 43 23	116.	106.	86.	100.	85.	80.	LOW	93.	68.	60.	54.	71.	69.
13 43 33	116.	102.	90.	101.	84.	82.	LOW	89.	67.	52.	49.	66.	61.
13 43 38	116.	104.	89.	101.	84.	82.	LOW	87.	65.	51.	47.	64.	61.
13 43 43	123.	116.	86.	103.	85.	80.	LOW	91.	69.	63.	54.	70.	69.
13 43 48	121.	107.	89.	101.	85.	82.	LOW	92.	73.	53.	50.	76.	69.
13 43 53	144.	101.	88.	101.	85.	80.	LOW	93.	67.	54.	50.	68.	64.
13 43 58	117.	105.	87.	101.	89.	80.	LOW	94.	71.	58.	53.	72.	69.
13 50 3	119.	104.	88.	99.	85.	83.	LOW	84.	65.	44.	45.	84.	57.
13 50 8	117.	104.	88.	100.	85.	82.	LOW	86.	64.	48.	45.	85.	61.
13 50 13	117.	103.	86.	100.	86.	82.	LOW	74.	65.	42.	44.	53.	61.
13 50 18	121.	109.	87.	98.	85.	82.	LOW	79.	67.	47.	48.	62.	65.
13 50 23	121.	112.	84.	101.	86.	80.	LOW	82.	62.	47.	47.	66.	65.
13 50 28	123.	115.	86.	101.	85.	81.	LOW	82.	63.	49.	47.	57.	66.
13 50 33	121.	117.	84.	101.	86.	80.	LOW	74.	65.	47.	49.	69.	65.
13 50 38	123.	117.	85.	101.	86.	80.	LOW	77.	65.	45.	47.	68.	63.
13 50 43	121.	111.	85.	101.	85.	82.	LOW	86.	74.	52.	51.	74.	67.
13 50 48	125.	113.	84.	102.	87.	82.	LOW	88.	72.	53.	51.	70.	68.
13 50 53	121.	111.	85.	101.	87.	81.	LOW	92.	69.	41.	51.	70.	68.
13 50 58	121.	108.	84.	100.	87.	81.	LOW	82.	69.	50.	51.	72.	66.
13 51 4	125.	105.	86.	105.	88.	81.	LOW	31.	71.	56.	54.	76.	72.
13 51 9	116.	105.	86.	102.	85.	81.	LOW	84.	69.	50.	47.	71.	66.
13 51 14	120.	106.	86.	98.	84.	82.	LOW	80.	66.	44.	44.	67.	64.
13 51 19	123.	110.	84.	99.	85.	81.	LOW	80.	66.	48.	47.	70.	64.
13 51 24	124.	112.	85.	97.	85.	79.	LOW	80.	76.	55.	55.	79.	73.
13 51 29	118.	103.	88.	101.	85.	80.	LOW	86.	76.	54.	54.	77.	74.
14 3 13	118.	105.	88.	101.	85.	80.	LOW	85.	70.	50.	46.	72.	68.
14 3 18	124.	114.	83.	101.	85.	80.	LOW	95.	70.	50.	46.	72.	68.
14 3 23	121.	105.	87.	103.	87.	81.	LOW	72.	60.	47.	45.	70.	67.
14 3 28	113.	103.	90.	102.	85.	80.	LOW	62.	60.	47.	45.	71.	67.
14 3 33	116.	105.	89.	102.	84.	79.	LOW	57.	56.	48.	41.	66.	62.
14 3 38	117.	105.	89.	102.	84.	79.	LOW	51.	52.	37.	39.	66.	62.
14 3 43	117.	101.	90.	99.	83.	79.	LOW	54.	52.	35.	39.	50.	61.
14 3 48	111.	102.	90.	99.	84.	79.	LOW	55.	50.	35.	40.	50.	58.
14 3 53	114.	114.	84.	103.	84.	79.	LOW	56.	57.	36.	40.	61.	59.
14 4 3 3	115.	108.	86.	101.	85.	79.	LOW	61.	67.	51.	50.	75.	70.
14 4 3 8	117.	105.	87.	101.	84.	76.	LOW	60.	64.	46.	46.	71.	70.
14 4 4 3	121.	112.	86.	103.	85.	78.	LOW	54.	55.	37.	40.	63.	62.
14 4 4 8	121.	111.	85.	102.	84.	79.	LOW	52.	57.	39.	40.	63.	62.
14 4 4 14	121.	111.	85.	102.	84.	79.	LOW	60.	61.	47.	43.	63.	65.
14 4 4 19	121.	117.	90.	105.	85.	80.	LOW	60.	61.	45.	43.	68.	64.
14 4 4 24	122.	110.	85.	104.	84.	80.	LOW	61.	63.	47.	46.	71.	69.

TIME M/M/S	17	1	5	34	95	96	97	68	69	70	71	72	73	74
	TEMP HYDROIL INLET UTL PUMP	TEMP HYDROIL OIL INLET PRIMARY PUMP	TEMP FWU EQUIP AFT CHECK L/M	TEMP FWU EQUIP AFT CHECK L/M	TEMP AFT EQUIP AFT CHECK L/M	TEMP FWU EQUIP AFT CHECK L/M	TEMP AFT EQUIP AFT CHECK R/M	DOOPP PROCES	LO VOL UP	ELEC PRUC UT	XPR HEATX IN	XMR HEATX OUT	CADC	NAX COMP UNT
14 4 29	117.	114.	90.	100.	85.	79.	LOM	53.	61.	44.	42.	47.	56.	
14 4 34	125.	117.	88.	100.	85.	60.	LOM	53.	60.	44.	41.	47.	57.	
14 4 39	127.	110.	86.	98.	82.	78.	LOM	56.	59.	42.	40.	45.	57.	
14 4 44	120.	109.	86.	97.	80.	58.	LOM	56.	60.	40.	41.	46.	57.	
14 4 49	131.	111.	86.	99.	85.	58.	LOM	55.	63.	40.	44.	49.	59.	
14 4 54	124.	104.	86.	98.	85.	88.	LOM	52.	63.	37.	40.	46.	64.	
14 4 59	130.	117.	86.	99.	82.	58.	LOM	54.	59.	37.	40.	46.	64.	
14 5 4	127.	113.	85.	98.	84.	58.	LOM	54.	59.	37.	40.	46.	64.	
14 5 9	122.	110.	84.	99.	84.	76.	LOM	55.	55.	39.	37.	40.	63.	
14 5 14	127.	112.	85.	98.	86.	78.	LOM	55.	55.	39.	37.	40.	63.	
14 5 19	115.	108.	80.	97.	86.	58.	LOM	54.	57.	39.	39.	40.	61.	
14 5 24	111.	105.	80.	97.	84.	58.	LOM	54.	57.	39.	39.	40.	61.	
14 5 29	124.	107.	87.	97.	84.	58.	LOM	54.	57.	39.	39.	40.	61.	
14 5 39	121.	112.	86.	98.	80.	76.	LOM	56.	57.	40.	42.	46.	66.	
14 5 44	122.	108.	84.	97.	87.	58.	LOM	51.	56.	40.	40.	46.	66.	
14 5 49	124.	109.	86.	97.	85.	58.	LOM	51.	56.	40.	40.	46.	66.	
14 5 54	126.	113.	85.	99.	85.	58.	LOM	54.	56.	41.	37.	33.	63.	
14 5 59	116.	106.	86.	101.	85.	79.	LOM	56.	60.	41.	37.	33.	63.	
14 6 9	117.	110.	84.	100.	85.	79.	LOM	59.	62.	42.	42.	46.	66.	
14 6 14	125.	112.	84.	102.	89.	80.	LOM	55.	56.	42.	42.	46.	66.	
14 6 19	125.	116.	82.	95.	86.	80.	LOM	58.	58.	40.	40.	46.	66.	
14 6 24	121.	106.	87.	95.	85.	80.	LOM	52.	58.	42.	42.	46.	66.	
14 6 29	121.	106.	87.	98.	86.	79.	LOM	47.	54.	41.	35.	36.	62.	
14 14 36	120.	106.	87.	101.	82.	78.	LOM	48.	56.	41.	40.	46.	64.	
14 14 41	121.	108.	94.	102.	83.	79.	LOM	49.	54.	42.	42.	46.	64.	
14 14 46	123.	111.	88.	102.	82.	80.	LOM	58.	59.	52.	54.	54.	71.	
14 14 51	115.	105.	88.	100.	85.	79.	LOM	51.	57.	50.	50.	52.	70.	
14 15 1	113.	102.	87.	101.	84.	79.	LOM	57.	59.	53.	53.	50.	69.	
14 15 6	128.	111.	85.	99.	85.	80.	LOM	51.	54.	54.	46.	43.	65.	
14 15 11	127.	111.	85.	99.	85.	80.	LOM	42.	56.	42.	46.	48.	69.	
14 15 16	119.	103.	88.	97.	84.	81.	LOM	49.	60.	48.	48.	51.	72.	
14 15 21	122.	108.	87.	97.	84.	80.	LOM	50.	58.	48.	48.	44.	72.	
14 15 26	119.	107.	86.	100.	84.	80.	LOM	55.	56.	48.	48.	44.	72.	
14 15 31	113.	103.	87.	99.	84.	80.	LOM	51.	57.	47.	47.	42.	66.	
14 15 36	114.	105.	88.	102.	83.	80.	LOM	53.	54.	47.	47.	41.	66.	
14 15 42	114.	107.	89.	103.	85.	80.	LOM	59.	60.	52.	46.	46.	65.	
14 15 47	120.	109.	88.	100.	84.	80.	LOM	53.	57.	50.	50.	50.	69.	
14 15 52	113.	106.	83.	97.	85.	80.	LOM	46.	53.	47.	47.	44.	63.	
14 17 24	111.	103.	83.	97.	85.	80.	LOM	46.	53.	47.	47.	44.	63.	
14 17 29	114.	106.	86.	97.	85.	80.	LOM	46.	53.	47.	47.	44.	63.	
14 17 34	114.	106.	86.	97.	85.	80.	LOM	46.	53.	47.	47.	44.	63.	
14 17 39	111.	103.	84.	97.	84.	81.	LOM	46.	53.	47.	47.	44.	63.	
14 17 44	115.	108.	85.	101.	87.	80.	LOM	55.	55.	50.	50.	48.	68.	
14 17 49	120.	110.	84.	100.	87.	79.	LOM	53.	53.	48.	48.	48.	68.	
14 17 54	127.	110.	84.	102.	88.	76.	LOM	46.	52.	46.	46.	46.	66.	
14 17 59	127.	113.	84.	104.	88.	80.	LOM	52.	53.	46.	46.	46.	66.	

TIME H/M/S	SP 1 TEMP HYCOIL INLET U/L PUMP	SP 5 TEMP HYD OIL INLET PUMP	EC 94 TEMP FWD EQUIP AFT L/H	EC 95 TEMP AFT EQUIP AFT L/H	EC 96 TEMP FWD EQUIP AFT L/H	EC 97 TEMP AFT EQUIP AFT L/H	EC 98 LO VOLT POS UP	EC 70 ELC PROC UT	EC 71 HMR HEATX IN	EC 72 HMR HEATX OUT	EC 73 CADC	EC 74 NAX COMP UNT
14 18 4	121.	106.	86.	131.	84.	31.	LOW	54.	47.	46.	65.	62.
14 18 5	116.	101.	98.	137.	84.	32.	LOW	55.	45.	48.	66.	63.
14 18 9	115.	105.	88.	130.	84.	80.	LOW	55.	50.	58.	69.	66.
14 18 14	121.	115.	84.	133.	85.	91.	LOW	55.	48.	48.	67.	66.
14 18 19	121.	114.	84.	101.	85.	80.	LOW	55.	58.	49.	68.	68.
14 32 7	112.	91.	83.	95.	83.	79.	LOW	58.	58.	56.	72.	66.
14 32 13	115.	96.	85.	97.	85.	79.	LOW	54.	51.	49.	68.	63.
14 32 18	119.	102.	87.	97.	86.	81.	LOW	53.	48.	48.	64.	61.
14 32 23	120.	104.	87.	96.	85.	81.	LOW	53.	49.	51.	66.	63.
14 32 28	127.	109.	87.	95.	78.	32.	LOW	55.	52.	53.	63.	59.
14 32 33	127.	108.	87.	97.	82.	83.	LOW	55.	46.	50.	63.	59.
14 32 39	125.	108.	87.	97.	82.	81.	LOW	57.	52.	54.	67.	65.
14 32 44	124.	107.	87.	98.	84.	80.	LOW	51.	49.	51.	64.	63.
14 32 49	123.	107.	87.	98.	84.	81.	LOW	59.	48.	49.	61.	59.
14 32 54	123.	107.	87.	98.	84.	81.	LOW	57.	48.	48.	61.	60.
14 32 59	122.	106.	86.	99.	82.	82.	LOW	53.	45.	48.	61.	58.
14 33 4	122.	106.	85.	98.	83.	81.	LOW	54.	46.	48.	61.	58.
14 33 9	116.	106.	88.	98.	83.	81.	LOW	53.	48.	48.	58.	59.
14 33 14	119.	106.	88.	98.	83.	81.	LOW	53.	48.	48.	59.	59.

C COMMUTATOR

TIME M/W/S	EC 75 HIST FREQ GN	EC 76 INER REF UNT	EC 80 TRANS SYNC	EC 81 R/H TFR COMP	EC 82 STU EX AIR	EC 83 DOPP ELEC UT	EC 84 GNC	EC 85 CONVER BOIT	EC 86 MDJ	EC 87 SPARE	EC 88 STU IN AMB A	EC 89 ARS POW SUPP	EC 90 CONVER TOP
13 1 1	84.	92.	86.	74.	90.	89.	84.	85.	99.	848.	98.	86.	88.
13 1 12	83.	93.	85.	81.	93.	99.	98.	87.	95.	80880.	89.	87.	90.
13 1 17	84.	93.	84.	88.	90.	90.	101.	86.	93.	LCM	86.	86.	88.
13 1 22	82.	93.	86.	88.	90.	91.	100.	87.	95.	LCM	89.	88.	88.
13 1 27	84.	93.	86.	87.	91.	91.	100.	86.	95.	LCM	89.	88.	87.
13 1 32	84.	93.	86.	87.	91.	91.	100.	86.	95.	LCM	90.	87.	89.
13 1 32	79.	94.	85.	86.	88.	89.	100.	86.	95.	LCM	89.	87.	88.
13 1 38	82.	94.	85.	86.	88.	89.	100.	86.	95.	LCM	89.	87.	88.
13 1 48	83.	94.	85.	86.	88.	89.	100.	86.	95.	LCM	89.	87.	88.
13 1 53	83.	94.	85.	86.	88.	89.	100.	86.	95.	LCM	89.	87.	88.
13 1 58	84.	94.	85.	86.	88.	89.	100.	86.	95.	LCM	89.	87.	88.
13 1 58	85.	94.	85.	86.	88.	89.	100.	86.	95.	LCM	89.	87.	88.
13 2 3	84.	94.	85.	86.	88.	89.	100.	86.	95.	LCM	89.	87.	88.
13 2 8	84.	94.	85.	86.	88.	89.	100.	86.	95.	LCM	89.	87.	88.
13 2 13	84.	94.	85.	86.	88.	89.	100.	86.	95.	LCM	89.	87.	88.
13 2 18	84.	94.	85.	86.	88.	89.	100.	86.	95.	LCM	89.	87.	88.
13 2 23	84.	94.	85.	86.	88.	89.	100.	86.	95.	LCM	89.	87.	88.
13 4 6	84.	94.	85.	86.	88.	89.	100.	86.	95.	LCM	89.	87.	88.
13 4 11	81.	96.	82.	86.	88.	89.	100.	86.	95.	LCM	89.	87.	88.
13 4 11	85.	97.	80.	86.	88.	89.	100.	86.	95.	LCM	89.	87.	88.
13 4 16	82.	97.	80.	86.	88.	89.	100.	86.	95.	LCM	89.	87.	88.
13 4 21	75.	97.	80.	86.	88.	89.	100.	86.	95.	LCM	89.	87.	88.
13 4 26	76.	97.	80.	86.	88.	89.	100.	86.	95.	LCM	89.	87.	88.
13 4 31	81.	97.	80.	86.	88.	89.	100.	86.	95.	LCM	89.	87.	88.
13 4 44	82.	97.	80.	86.	88.	89.	100.	86.	95.	LCM	89.	87.	88.
13 4 42	76.	97.	80.	86.	88.	89.	100.	86.	95.	LCM	89.	87.	88.
13 4 47	75.	97.	80.	86.	88.	89.	100.	86.	95.	LCM	89.	87.	88.
13 4 52	75.	97.	80.	86.	88.	89.	100.	86.	95.	LCM	89.	87.	88.
13 4 65	82.	97.	80.	86.	88.	89.	100.	86.	95.	LCM	89.	87.	88.
13 5 2	77.	97.	80.	86.	88.	89.	100.	86.	95.	LCM	89.	87.	88.
13 5 7	76.	97.	80.	86.	88.	89.	100.	86.	95.	LCM	89.	87.	88.
13 5 12	81.	97.	80.	86.	88.	89.	100.	86.	95.	LCM	89.	87.	88.
13 5 17	80.	97.	80.	86.	88.	89.	100.	86.	95.	LCM	89.	87.	88.
13 5 22	73.	97.	80.	86.	88.	89.	100.	86.	95.	LCM	89.	87.	88.
13 5 27	74.	97.	80.	86.	88.	89.	100.	86.	95.	LCM	89.	87.	88.
13 5 32	81.	97.	80.	86.	88.	89.	100.	86.	95.	LCM	89.	87.	88.
13 5 37	76.	97.	80.	86.	88.	89.	100.	86.	95.	LCM	89.	87.	88.
13 5 42	76.	97.	80.	86.	88.	89.	100.	86.	95.	LCM	89.	87.	88.
13 5 47	79.	97.	80.	86.	88.	89.	100.	86.	95.	LCM	89.	87.	88.
13 5 52	80.	97.	80.	86.	88.	89.	100.	86.	95.	LCM	89.	87.	88.
13 5 57	76.	97.	80.	86.	88.	89.	100.	86.	95.	LCM	89.	87.	88.
13 6 7	81.	97.	80.	86.	88.	89.	100.	86.	95.	LCM	89.	87.	88.
13 6 12	80.	97.	80.	86.	88.	89.	100.	86.	95.	LCM	89.	87.	88.
13 6 17	70.	97.	80.	86.	88.	89.	100.	86.	95.	LCM	89.	87.	88.

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TIME M/H/S	EC 75 MAST FREQ GN	EC 76 INER REF UNT	EC 80 TRANS SYNC	EC 81 R/H YFR COMP	EC 82 STU EX AIR	EC 83 OOPP ELEC UT	EC 84 GNC	EC 85 CONVER BOIT	EC 86 MO.	EC 87 SFARE	EC 88 STU IN AMB A	EC 89 ARS POM SUPP	EC 90 CONVER TOP
13 6 22	75.	90.	81.	84.	85.	64.	94.	25.	89.	LOM	85.	85.	85.
13 6 27	64.	86.	80.	82.	89.	79.	90.	87.	94.	LCM	89.	84.	86.
13 6 37	70.	85.	77.	84.	87.	81.	91.	85.	93.	LCM	87.	85.	86.
13 6 42	86.	99.	78.	83.	84.	81.	102.	27.	88.	LOM	86.	82.	84.
13 6 47	86.	88.	77.	84.	80.	81.	103.	89.	81.	LOM	85.	83.	85.
13 6 52	76.	88.	75.	84.	80.	78.	89.	80.	81.	LOM	88.	80.	85.
13 6 57	74.	86.	74.	84.	85.	80.	89.	87.	87.	LOM	87.	83.	85.
13 7 2	66.	81.	80.	83.	84.	82.	98.	86.	82.	LOM	84.	84.	84.
13 7 7	67.	80.	77.	83.	86.	80.	94.	86.	85.	LOM	82.	82.	84.
13 7 12	79.	88.	76.	86.	82.	76.	95.	85.	84.	LOM	82.	81.	85.
13 7 17	83.	93.	77.	82.	82.	77.	94.	85.	82.	LOM	84.	81.	83.
13 7 23	85.	102.	76.	79.	79.	79.	93.	87.	79.	LOM	84.	78.	82.
13 7 28	67.	85.	77.	81.	84.	80.	97.	88.	84.	LOM	87.	82.	84.
13 7 33	72.	88.	76.	82.	85.	75.	94.	89.	83.	LOM	86.	80.	83.
13 7 38	66.	83.	75.	85.	86.	78.	91.	84.	87.	LOM	84.	81.	87.
13 7 43	73.	89.	77.	84.	83.	80.	91.	84.	91.	LOM	84.	82.	86.
13 7 48	72.	89.	77.	82.	84.	92.	92.	85.	82.	LOM	82.	83.	82.
13 7 53	82.	94.	76.	83.	83.	91.	90.	84.	82.	LOM	82.	83.	83.
13 7 58	69.	84.	78.	83.	84.	90.	92.	85.	94.	LOM	84.	82.	84.
13 8 3	75.	91.	76.	83.	84.	77.	93.	86.	99.	LOM	85.	81.	84.
13 8 8	73.	88.	76.	82.	85.	80.	77.	84.	87.	LOM	88.	80.	85.
13 8 13	81.	94.	75.	82.	86.	79.	89.	84.	87.	LOM	84.	81.	85.
13 8 18	85.	102.	73.	82.	85.	76.	91.	88.	78.	LOM	85.	78.	88.
13 8 23	82.	94.	74.	82.	86.	77.	97.	87.	80.	LOM	83.	78.	82.
13 8 28	80.	88.	74.	84.	76.	76.	99.	85.	92.	LOM	81.	80.	84.
13 8 33	81.	91.	74.	84.	79.	75.	96.	27.	83.	LOM	86.	83.	81.
13 8 38	82.	94.	73.	82.	78.	75.	93.	66.	83.	LOM	85.	81.	83.
13 8 43	71.	83.	74.	81.	82.	77.	93.	86.	82.	LOM	82.	79.	82.
13 8 48	70.	84.	73.	82.	83.	75.	96.	86.	83.	LOM	85.	75.	82.
13 8 53	86.	95.	72.	84.	80.	74.	87.	22.	83.	LOM	81.	80.	83.
13 8 58	79.	90.	70.	81.	78.	74.	92.	53.	85.	LOM	80.	79.	84.
13 9 3	84.	98.	71.	81.	79.	74.	74.	76.	82.	LOM	82.	78.	83.
13 9 13	76.	90.	73.	81.	82.	75.	94.	66.	82.	LOM	84.	79.	82.
13 9 18	86.	97.	72.	82.	81.	74.	90.	92.	81.	LOM	80.	81.	80.
13 9 23	84.	95.	72.	82.	81.	74.	93.	83.	83.	LOM	80.	75.	83.
13 9 28	77.	84.	76.	82.	82.	77.	86.	84.	86.	LOM	82.	82.	82.
13 9 33	80.	90.	73.	82.	82.	75.	89.	65.	90.	LOM	82.	82.	80.
13 9 38	86.	94.	72.	81.	81.	74.	78.	64.	98.	LOM	81.	82.	81.
13 9 43	82.	97.	71.	81.	82.	71.	76.	85.	80.	LOM	79.	76.	82.
13 9 48	77.	90.	72.	81.	82.	73.	80.	55.	81.	LOM	79.	76.	81.
13 9 53	83.	97.	70.	81.	79.	71.	86.	85.	75.	LOM	82.	76.	82.
13 9 58	81.	94.	73.	83.	79.	74.	82.	44.	75.	LOM	82.	80.	82.
13 10 3	81.	92.	73.	83.	79.	74.	85.	86.	80.	LOM	82.	80.	82.
13 10 8	81.	94.	71.	81.	82.	72.	86.	84.	82.	LOM	82.	80.	82.
13 10 13	81.	97.	72.	81.	82.	74.	86.	86.	83.	LOM	83.	78.	83.
13 10 18	81.	97.	72.	81.	82.	74.	86.	86.	82.	LOM	83.	78.	83.
13 10 23	81.	97.	72.	81.	82.	74.	86.	86.	82.	LOM	83.	78.	83.
13 10 28	82.	97.	72.	81.	82.	74.	86.	86.	82.	LOM	83.	78.	83.

TIME H/M/S	EC 75 HAST FREQ GN	EC 76 INER REF UNIT	EC 88 TRANS SYNC	EC 81 R/H TFR COMP	EC 82 STU EX AIR	EC 83 DOPP ELEC UT	EC 84 GNC	EC 85 CONVER BOTT	EC 89 WDC	EC 87 SPARE	EC 86 STU IN AMB A	EC 89 ARS POW SUPP	EC 90 CCNVER TOP
13 10 29	77.	89.	69.	52.	80.	72.	84.	36.	82.	LCM	84.	78.	83.
13 10 34	74.	87.	71.	31.	81.	73.	87.	85.	88.	LCM	84.	78.	82.
13 10 39	76.	88.	72.	82.	76.	74.	84.	81.	79.	LCM	79.	82.	79.
13 10 44	76.	89.	71.	82.	73.	73.	83.	91.	83.	LCM	80.	81.	81.
13 10 49	80.	34.	69.	82.	81.	09.	85.	82.	84.	LCM	83.	78.	82.
13 10 54	79.	89.	69.	81.	81.	70.	84.	94.	83.	LCM	83.	77.	82.
13 11 43	73.	84.	71.	36.	78.	71.	84.	82.	86.	LCM	80.	77.	84.
13 11 48	74.	86.	68.	84.	75.	71.	81.	82.	85.	LCM	77.	77.	84.
13 11 50	74.	89.	71.	31.	78.	73.	84.	82.	89.	LCM	81.	88.	88.
13 12 3	73.	87.	70.	80.	79.	73.	86.	84.	81.	LCM	83.	77.	88.
13 12 3	72.	89.	72.	88.	76.	57.	91.	79.	74.	LCM	88.	79.	88.
13 12 8	78.	90.	78.	88.	75.	70.	88.	79.	81.	LCM	85.	75.	88.
13 12 13	74.	84.	68.	88.	74.	71.	90.	86.	79.	LCM	79.	74.	75.
13 12 18	76.	87.	69.	78.	75.	72.	87.	85.	83.	LCM	81.	75.	79.
13 12 20	76.	88.	69.	88.	79.	72.	77.	94.	79.	LCM	82.	77.	79.
13 12 33	72.	85.	69.	79.	80.	71.	76.	85.	84.	LCM	82.	76.	88.
13 12 38	75.	87.	65.	80.	80.	71.	94.	85.	84.	LCM	82.	75.	82.
13 12 43	72.	66.	64.	81.	77.	71.	89.	85.	85.	LCM	81.	78.	82.
13 12 43	77.	88.	53.	88.	74.	72.	95.	81.	83.	LCM	79.	77.	82.
13 12 48	76.	86.	62.	88.	76.	72.	86.	81.	83.	LCM	80.	77.	81.
13 12 53	70.	85.	78.	74.	88.	72.	96.	86.	77.	LCM	82.	76.	88.
13 12 58	73.	85.	68.	77.	77.	71.	91.	84.	81.	LCM	81.	76.	81.
13 13 3	74.	87.	69.	76.	73.	72.	93.	84.	78.	LCM	82.	77.	75.
13 13 9	75.	86.	70.	78.	77.	72.	85.	83.	80.	LCM	81.	77.	78.
13 13 14	76.	90.	69.	76.	80.	71.	84.	84.	88.	LCM	81.	77.	79.
13 13 19	75.	88.	66.	78.	79.	79.	82.	84.	89.	LCM	81.	75.	88.
13 13 24	73.	85.	66.	88.	75.	74.	74.	82.	84.	LCM	83.	79.	88.
13 13 29	73.	85.	68.	88.	77.	72.	78.	83.	86.	LCM	78.	77.	88.
13 13 34	75.	82.	66.	81.	74.	70.	81.	82.	87.	LCM	79.	76.	82.
13 13 39	75.	83.	68.	77.	75.	72.	81.	83.	84.	LCM	88.	77.	82.
13 13 44	74.	87.	67.	88.	74.	59.	91.	85.	78.	LCM	80.	73.	74.
13 13 49	75.	88.	65.	88.	74.	70.	92.	83.	79.	LCM	88.	74.	78.
13 13 54	74.	86.	69.	76.	78.	59.	78.	85.	86.	LCM	82.	76.	80.
13 13 59	73.	88.	67.	78.	78.	70.	86.	84.	86.	LCM	81.	74.	77.
13 14 4	76.	85.	65.	81.	75.	59.	74.	82.	88.	LCM	79.	74.	84.
13 14 9	73.	85.	67.	88.	77.	78.	82.	84.	87.	LCM	79.	76.	81.
13 14 14	74.	87.	65.	79.	79.	58.	82.	84.	81.	LCM	81.	73.	88.
13 14 19	74.	85.	66.	78.	78.	71.	86.	84.	84.	LCM	83.	74.	78.
13 14 24	76.	85.	64.	80.	74.	59.	94.	82.	84.	LCM	77.	74.	81.
13 14 34	75.	86.	64.	79.	75.	68.	88.	83.	84.	LCM	79.	73.	82.
13 14 39	73.	87.	65.	77.	80.	58.	82.	86.	76.	LCM	80.	73.	80.
13 14 44	71.	87.	65.	78.	73.	57.	83.	85.	83.	LCM	81.	72.	81.
13 14 49	72.	86.	67.	77.	77.	59.	74.	85.	84.	LCM	83.	74.	82.
13 14 54	74.	87.	68.	79.	74.	72.	84.	84.	85.	LCM	83.	74.	81.
13 15 4	73.	87.	66.	79.	76.	78.	84.	82.	87.	LCM	78.	76.	82.
13 15 9	72.	87.	67.	77.	77.	59.	84.	82.	83.	LCM	80.	73.	75.
13 15 14	74.	80.	65.	77.	75.	78.	84.	85.	87.	LCM	82.	74.	86.
13 15 19	71.	88.	64.	88.	74.	57.	86.	82.	87.	LCM	79.	76.	82.

TIME M/M/S	EC 75 MAST FREQ GN	EC 76 INNER REF UNIT	EC 80 TRANS SYNC	EC 81 R/H TFR COMP	EC 82 STU EX AIR	EC 83 DUPD ELEC UT	EC 84 UNC	EC 85 CONVER BOIT	EC 86 MOD	EC 87 SPARE	EC 88 STU IN AMB A	EC 89 ARS PCN SUPP	EC 90 CONVER TOP
13 15 19	74.	87.	64.	88.	75.	66.	81.	83.	85.	LCM	79.	75.	83.
13 15 24	74.	80.	67.	75.	76.	33.	82.	85.	82.	LCM	82.	74.	86.
13 15 29	74.	37.	68.	75.	73.	52.	89.	44.	82.	LCM	81.	74.	81.
13 15 34	73.	84.	67.	80.	73.	56.	84.	79.	84.	LCM	88.	76.	79.
13 15 39	72.	85.	66.	80.	74.	57.	87.	81.	81.	LCM	81.	74.	81.
13 15 44	73.	88.	64.	78.	74.	56.	82.	82.	85.	LCM	74.	74.	85.
13 15 49	74.	88.	58.	79.	74.	57.	87.	82.	83.	LCM	76.	71.	85.
13 15 54	74.	88.	65.	79.	69.	57.	87.	84.	82.	LCM	82.	72.	82.
13 16 0	74.	84.	64.	79.	70.	57.	87.	84.	80.	LCM	81.	73.	83.
13 16 5	73.	85.	64.	80.	74.	57.	89.	82.	84.	LCM	77.	74.	83.
13 16 10	74.	85.	53.	88.	75.	57.	89.	83.	84.	LCM	79.	73.	82.
13 16 15	74.	86.	64.	76.	77.	57.	86.	85.	83.	LCM	81.	78.	83.
13 16 20	73.	86.	64.	77.	75.	55.	89.	84.	80.	LCM	80.	78.	83.
13 16 25	75.	87.	63.	76.	77.	65.	74.	84.	80.	LCM	80.	71.	79.
13 16 30	72.	88.	65.	75.	75.	58.	83.	85.	82.	LCM	88.	72.	79.
13 16 35	72.	85.	66.	76.	72.	59.	87.	82.	85.	LCM	78.	74.	82.
13 16 40	72.	86.	63.	77.	73.	58.	86.	82.	84.	LCM	79.	72.	83.
13 16 45	73.	89.	64.	74.	75.	66.	89.	86.	76.	LCM	77.	73.	78.
13 16 50	74.	90.	65.	74.	75.	58.	82.	85.	83.	LCM	78.	74.	80.
13 17 0	74.	80.	63.	77.	75.	66.	88.	84.	82.	LCM	76.	71.	82.
13 17 10	63.	86.	65.	74.	76.	57.	90.	84.	88.	LCM	80.	72.	82.
13 17 15	66.	87.	65.	75.	74.	55.	85.	84.	86.	LCM	80.	74.	79.
13 17 20	69.	90.	65.	75.	73.	59.	94.	86.	82.	LCM	80.	75.	81.
13 17 25	73.	91.	66.	75.	73.	59.	87.	84.	84.	LCM	79.	73.	81.
13 17 30	72.	87.	67.	76.	74.	58.	89.	84.	83.	LCM	78.	73.	81.
13 17 35	72.	86.	66.	76.	73.	58.	85.	83.	83.	LCM	78.	74.	81.
13 17 40	76.	90.	65.	74.	72.	58.	87.	82.	82.	LCM	78.	74.	80.
13 17 45	75.	89.	66.	74.	72.	58.	81.	83.	81.	LCM	78.	74.	88.
13 17 50	74.	88.	67.	76.	71.	57.	87.	84.	79.	LCM	78.	72.	80.
13 17 55	75.	89.	65.	76.	72.	58.	91.	85.	79.	LCM	77.	73.	80.
13 18 0	69.	86.	62.	74.	73.	54.	89.	94.	84.	LCM	76.	74.	81.
13 18 5	71.	82.	64.	71.	74.	58.	94.	94.	82.	LCM	78.	72.	82.
13 18 10	71.	83.	63.	74.	72.	58.	89.	94.	83.	LCM	78.	71.	81.
13 18 15	72.	86.	63.	77.	72.	53.	84.	94.	85.	LCM	76.	72.	82.
13 18 20	71.	86.	58.	76.	73.	54.	82.	95.	82.	LCM	79.	71.	83.
13 18 25	61.	83.	53.	73.	74.	57.	74.	96.	90.	LCM	79.	71.	83.
13 18 30	71.	86.	57.	73.	75.	55.	81.	96.	88.	LCM	80.	73.	81.
13 18 35	65.	79.	61.	76.	73.	54.	84.	93.	76.	LCM	78.	63.	83.
13 18 40	71.	83.	61.	75.	74.	63.	85.	94.	79.	LCM	74.	67.	83.
13 18 45	73.	92.	52.	75.	74.	54.	77.	96.	80.	LCM	80.	70.	80.
13 18 50	71.	88.	64.	73.	74.	55.	76.	96.	82.	LCM	88.	78.	81.
13 18 55	70.	88.	64.	73.	73.	55.	77.	95.	85.	LCM	88.	73.	88.
13 19 0	76.	90.	64.	73.	73.	56.	78.	95.	83.	LCM	80.	72.	80.
13 19 5	66.	84.	64.	75.	69.	55.	77.	92.	81.	LCM	77.	72.	81.
13 19 10	69.	86.	63.	75.	63.	57.	74.	92.	84.	LCM	78.	71.	82.
13 19 15	71.	87.	62.	75.	63.	57.	74.	92.	82.	LCM	78.	71.	82.
13 19 20	71.	87.	62.	76.	53.	55.	50.	91.	80.	LCM	77.	71.	82.

TIME H/M/S	EC 75 MAST FREQ GN	EC 76 INER REF UNT	EC 80 TRANS SYNC	EC 81 R/M TFR COMP	EC 82 STU EX AIR	EC 83 DOPP ELEC UT	EC 84 CNC	EC 85 CONVER BOIT	EC 86 MUC	EC 87 SPARE	EC 88 STU IN AMB A	EC 89 ARS PUM SUPP	EC 90 CONVER TOP
13 22 24	70.	85.	56.	75.	73.	63.	89.	86.	75.	LCM	78.	67.	84.
13 22 29	70.	85.	57.	74.	72.	64.	91.	84.	76.	LCM	76.	68.	84.
13 22 34	63.	88.	59.	73.	69.	64.	89.	84.	81.	LCM	74.	67.	85.
13 22 39	65.	85.	60.	73.	70.	61.	88.	85.	85.	LCM	77.	66.	85.
13 22 44	70.	86.	62.	71.	73.	64.	98.	88.	83.	LCM	76.	66.	83.
13 22 49	70.	86.	62.	71.	72.	55.	87.	87.	83.	LCM	78.	66.	83.
13 22 54	72.	89.	60.	72.	73.	62.	79.	97.	91.	LCM	79.	65.	83.
13 22 59	70.	88.	60.	72.	73.	62.	80.	87.	82.	LCM	79.	65.	83.
13 23 04	67.	86.	61.	69.	72.	64.	80.	86.	86.	LCM	78.	68.	76.
13 23 09	67.	80.	61.	69.	70.	55.	79.	86.	78.	LCM	78.	67.	82.
13 23 14	67.	88.	58.	70.	73.	65.	85.	85.	82.	LCM	77.	69.	82.
13 23 19	65.	88.	60.	71.	73.	55.	95.	84.	79.	LCM	76.	64.	86.
13 23 24	71.	85.	60.	73.	72.	58.	93.	84.	84.	LCM	76.	65.	85.
13 23 29	71.	85.	59.	73.	72.	58.	88.	88.	86.	LCM	79.	66.	85.
13 23 34	69.	86.	59.	72.	73.	64.	86.	82.	82.	LCM	76.	68.	86.
13 23 39	65.	86.	61.	71.	72.	53.	87.	83.	86.	LCM	74.	63.	86.
13 23 44	65.	86.	61.	71.	72.	54.	80.	84.	86.	LCM	76.	64.	84.
13 23 49	66.	86.	61.	71.	72.	55.	90.	84.	86.	LCM	78.	65.	83.
13 23 54	70.	87.	62.	70.	72.	57.	76.	85.	85.	LCM	74.	66.	83.
13 23 59	71.	87.	62.	70.	72.	57.	81.	85.	85.	LCM	74.	67.	86.
13 24 04	71.	87.	60.	72.	73.	64.	86.	81.	86.	LCM	76.	66.	86.
13 24 09	65.	86.	60.	72.	73.	54.	82.	87.	85.	LCM	78.	67.	83.
13 24 14	70.	86.	61.	73.	72.	58.	86.	85.	89.	LCM	75.	65.	85.
13 24 19	70.	86.	61.	73.	71.	53.	80.	85.	89.	LCM	76.	66.	79.
13 24 24	71.	86.	61.	71.	73.	54.	88.	84.	88.	LCM	75.	65.	85.
13 24 29	71.	89.	61.	71.	72.	54.	88.	84.	84.	LCM	76.	65.	84.
13 24 34	71.	88.	60.	72.	72.	52.	86.	86.	79.	LCM	74.	67.	84.
13 24 39	66.	85.	63.	69.	67.	67.	84.	85.	85.	LCM	75.	65.	85.
13 24 44	66.	85.	61.	70.	63.	55.	31.	85.	81.	LCM	76.	65.	86.
13 24 49	69.	82.	61.	71.	76.	52.	32.	85.	85.	LCM	77.	65.	86.
13 24 54	70.	85.	59.	71.	75.	52.	95.	87.	79.	LCM	78.	67.	82.
13 24 59	70.	86.	60.	70.	74.	54.	93.	88.	84.	LCM	76.	67.	83.
13 25 04	69.	87.	60.	71.	72.	58.	90.	82.	95.	LCM	76.	68.	84.
13 25 09	71.	89.	60.	69.	72.	66.	87.	82.	91.	LCM	76.	68.	85.
13 25 14	71.	90.	59.	71.	74.	61.	74.	87.	73.	LCM	78.	65.	85.
13 25 19	71.	90.	59.	71.	74.	62.	75.	87.	79.	LCM	77.	65.	84.
13 25 24	71.	87.	59.	70.	75.	63.	97.	88.	84.	LCM	77.	65.	85.
13 25 29	69.	86.	58.	69.	70.	64.	93.	86.	82.	LCM	77.	65.	85.
13 25 34	69.	87.	58.	69.	72.	52.	81.	86.	81.	LCM	74.	65.	86.
13 25 39	69.	86.	59.	73.	72.	52.	88.	86.	84.	LCM	76.	65.	86.
13 25 44	67.	87.	59.	71.	74.	59.	80.	86.	77.	LCM	75.	65.	84.
13 25 49	69.	86.	56.	66.	76.	51.	91.	88.	81.	LCM	76.	64.	85.
13 25 54	69.	85.	54.	69.	74.	51.	91.	86.	85.	LCM	77.	65.	86.
13 25 59	69.	84.	53.	71.	74.	50.	90.	85.	87.	LCM	76.	66.	85.
13 26 04	69.	84.	53.	71.	74.	51.	90.	85.	87.	LCM	76.	66.	85.
13 26 09	69.	84.	53.	71.	74.	51.	90.	85.	87.	LCM	76.	66.	85.
13 26 14	69.	84.	53.	71.	74.	51.	90.	85.	87.	LCM	76.	66.	85.
13 26 19	69.	84.	53.	71.	74.	51.	90.	85.	87.	LCM	76.	66.	85.
13 26 24	67.	86.	56.	71.	74.	51.	90.	85.	87.	LCM	76.	63.	84.

TIME H/M/S	EC 75 HST FEED GA	EC 76 INER REF UNIT	EC 80 TRANS SYNC	EC 81 R/H TFR CMP	EC 82 STU EX AIR	EC 83 DOPP ELEC UT	EC 84 GNC	EC 85 CONVER BOIT	EC 86 MDC	EC 87 SPARE	EC 88 STU IN AND A	EC 89 ARS POW SUPP	EC 90 CONVER TOP
13 25 26	67.	65.	59.	70.	72.	63.	37.	36.	83.	LCM	76.	65.	84.
13 26 31	71.	84.	60.	69.	69.	65.	90.	86.	85.	LCM	76.	66.	84.
13 26 36	70.	80.	59.	69.	72.	64.	90.	86.	82.	LCM	76.	65.	85.
13 26 41	69.	85.	62.	69.	74.	63.	91.	87.	91.	LCM	77.	63.	83.
13 26 46	71.	87.	60.	70.	73.	64.	95.	85.	88.	LCM	76.	64.	85.
13 29 8	69.	87.	52.	56.	77.	56.	81.	87.	92.	LCM	71.	56.	84.
13 29 13	68.	87.	51.	57.	75.	55.	80.	87.	85.	LCM	70.	53.	85.
13 29 18	65.	82.	52.	58.	76.	59.	95.	86.	80.	LCM	69.	50.	84.
13 29 23	67.	85.	51.	57.	77.	56.	89.	86.	91.	LCM	71.	57.	85.
13 29 28	61.	77.	46.	61.	78.	54.	86.	86.	90.	LCM	71.	55.	87.
13 29 33	60.	78.	50.	60.	78.	55.	92.	86.	89.	LCM	71.	56.	86.
13 29 38	72.	93.	52.	57.	77.	55.	84.	86.	86.	LCM	71.	56.	84.
13 29 43	71.	30.	58.	57.	77.	54.	89.	87.	84.	LCM	70.	54.	82.
13 29 48	61.	80.	53.	59.	76.	56.	97.	86.	82.	LCM	71.	57.	86.
13 29 53	66.	85.	52.	50.	76.	55.	96.	85.	86.	LCM	71.	56.	85.
13 30 3	61.	77.	51.	56.	78.	54.	100.	85.	86.	LCM	69.	54.	88.
13 30 8	62.	78.	52.	58.	78.	53.	102.	85.	87.	LCM	69.	55.	87.
13 30 13	53.	76.	52.	60.	78.	55.	80.	86.	86.	LCM	73.	53.	85.
13 30 18	62.	83.	51.	60.	77.	54.	91.	87.	86.	LCM	71.	53.	85.
13 30 23	65.	84.	52.	58.	75.	56.	30.	85.	86.	LCM	68.	55.	84.
13 30 28	66.	85.	50.	57.	76.	55.	80.	85.	91.	LCM	68.	55.	86.
13 30 33	64.	83.	51.	58.	77.	55.	91.	86.	86.	LCM	70.	58.	85.
13 30 38	59.	88.	50.	59.	77.	52.	104.	86.	85.	LCM	71.	53.	87.
13 30 43	67.	87.	50.	56.	76.	54.	99.	85.	88.	LCM	73.	55.	87.
13 30 48	69.	89.	51.	56.	76.	54.	104.	85.	90.	LCM	69.	54.	84.
13 30 54	70.	89.	51.	56.	76.	54.	39.	87.	83.	LCM	69.	52.	84.
13 31 9	65.	89.	49.	59.	74.	55.	100.	84.	83.	LCM	68.	52.	36.
13 31 14	64.	88.	49.	61.	75.	55.	90.	86.	90.	LCM	73.	55.	36.
13 31 19	73.	93.	48.	58.	75.	55.	90.	85.	83.	LCM	69.	54.	89.
13 31 24	67.	91.	49.	58.	76.	53.	84.	86.	92.	LCM	63.	51.	84.
14 3 13	65.	44.	50.	57.	77.	53.	95.	85.	95.	LCM	66.	53.	86.
14 3 18	53.	86.	50.	54.	78.	53.	96.	88.	82.	LCM	69.	48.	84.
14 3 23	54.	82.	50.	56.	77.	55.	93.	86.	80.	LCM	67.	49.	85.
14 3 28	56.	76.	52.	56.	75.	55.	84.	84.	94.	LCM	64.	53.	83.
14 3 33	54.	76.	52.	56.	75.	55.	86.	86.	94.	LCM	65.	53.	84.
14 3 38	57.	76.	50.	56.	76.	54.	86.	86.	82.	LCM	66.	50.	84.
14 3 43	56.	76.	51.	56.	77.	55.	85.	85.	85.	LCM	65.	52.	83.
14 3 48	66.	91.	49.	52.	77.	54.	85.	84.	93.	LCM	65.	52.	81.
14 3 53	61.	87.	49.	53.	77.	54.	83.	85.	30.	LCM	67.	49.	82.
14 4 3 58	56.	80.	51.	55.	79.	56.	79.	85.	87.	LCM	66.	51.	83.
14 4 8	64.	84.	51.	54.	76.	55.	80.	85.	85.	LCM	67.	52.	88.
14 4 14	62.	82.	51.	55.	76.	55.	87.	84.	84.	LCM	60.	53.	85.
14 4 19	65.	89.	48.	55.	74.	53.	32.	82.	90.	LCM	64.	51.	85.
14 4 24	66.	89.	46.	54.	75.	53.	33.	83.	83.	LCM	63.	51.	84.

TIME H/M/S	EC 75 HST FLQ GN	EC 76 INER REF UNT	EC 80 TRANS SYNC	EC 81 Z/M TFR COMP	EC 82 STU EX AIR	EC 83 DOP ELEC UT	LL UNC	EC 84 CONVER BOTT	EC 86 MDG	EC 87 SPARE	EC 88 STU IN AMB A	EC 89 ARS POH SUPP	EC 90 CONVER TOP
14 4 29	61.	82.	50.	54.	77.	55.	92.	86.	91.	LCM	66.	51.	84.
14 4 34	61.	84.	49.	54.	77.	54.	96.	86.	92.	LCM	66.	49.	85.
14 4 39	60.	85.	50.	56.	75.	54.	37.	82.	90.	LCM	64.	54.	83.
14 4 44	61.	84.	49.	57.	75.	53.	32.	83.	89.	LCM	66.	49.	84.
14 4 49	67.	90.	48.	53.	74.	52.	31.	86.	86.	LCM	66.	48.	85.
14 4 54	61.	87.	49.	53.	76.	53.	86.	86.	87.	LCM	65.	49.	79.
14 4 59	58.	84.	48.	57.	75.	52.	91.	64.	84.	LCM	63.	51.	84.
14 5 4	58.	79.	49.	55.	77.	47.	90.	85.	84.	LCM	66.	51.	83.
14 5 9	58.	80.	50.	56.	75.	55.	96.	84.	82.	LCM	65.	50.	83.
14 5 14	52.	82.	52.	54.	76.	54.	95.	85.	85.	LCM	65.	50.	81.
14 5 19	65.	86.	52.	55.	74.	54.	90.	82.	91.	LCM	63.	53.	82.
14 5 24	63.	86.	50.	55.	75.	55.	90.	84.	89.	LCM	64.	53.	81.
14 5 29	61.	84.	48.	55.	78.	54.	75.	83.	89.	LCM	64.	52.	86.
14 5 39	54.	80.	50.	55.	75.	54.	85.	83.	89.	LCM	67.	52.	85.
14 5 44	57.	83.	50.	56.	77.	54.	87.	86.	90.	LCM	66.	49.	84.
14 5 49	56.	83.	50.	54.	75.	55.	84.	85.	94.	LCM	66.	52.	84.
14 5 54	60.	84.	49.	54.	74.	54.	85.	84.	90.	LCM	64.	51.	86.
14 5 59	53.	77.	47.	55.	75.	54.	85.	86.	95.	LCM	63.	54.	86.
14 6 9	55.	80.	48.	54.	77.	56.	92.	83.	91.	LCM	64.	53.	88.
14 6 14	63.	88.	46.	53.	78.	54.	92.	86.	84.	LCM	66.	49.	83.
14 6 19	56.	89.	48.	53.	77.	55.	92.	64.	89.	LCM	65.	50.	84.
14 6 24	57.	70.	49.	56.	77.	55.	100.	84.	93.	LCM	64.	50.	85.
14 6 29	61.	83.	50.	54.	77.	56.	35.	85.	98.	LCM	65.	51.	85.
14 6 36	58.	81.	50.	54.	74.	56.	93.	83.	88.	LCM	65.	51.	84.
14 6 41	63.	80.	46.	53.	71.	56.	34.	84.	88.	LCM	67.	49.	84.
14 6 46	63.	88.	50.	53.	74.	56.	35.	82.	91.	LCM	65.	50.	85.
14 6 51	54.	84.	50.	53.	76.	56.	95.	82.	93.	LCM	65.	51.	85.
14 6 56	51.	81.	51.	52.	77.	56.	89.	86.	93.	LCM	69.	47.	85.
14 7 1	63.	94.	32.	46.	75.	54.	84.	86.	82.	LCM	67.	48.	84.
14 7 6	64.	87.	40.	56.	76.	54.	79.	86.	81.	LCM	66.	48.	85.
14 7 11	55.	77.	50.	56.	77.	56.	83.	84.	91.	LCM	66.	50.	87.
14 7 16	55.	83.	50.	54.	76.	56.	90.	84.	93.	LCM	65.	51.	87.
14 7 21	66.	90.	50.	52.	76.	54.	84.	83.	91.	LCM	65.	50.	84.
14 7 26	60.	82.	50.	53.	76.	55.	96.	86.	90.	LCM	66.	51.	85.
14 7 31	50.	74.	50.	53.	75.	56.	86.	83.	90.	LCM	66.	51.	86.
14 7 36	55.	78.	50.	53.	75.	56.	88.	88.	91.	LCM	66.	49.	86.
14 7 42	61.	86.	49.	51.	77.	54.	79.	84.	93.	LCM	68.	51.	84.
14 7 47	60.	86.	50.	52.	77.	56.	87.	84.	92.	LCM	66.	51.	85.
14 7 52	56.	80.	51.	53.	78.	55.	100.	87.	90.	LCM	68.	51.	84.
14 7 57	61.	79.	51.	53.	78.	55.	91.	87.	83.	LCM	68.	50.	84.
14 8 2	60.	88.	49.	54.	75.	54.	99.	84.	85.	LCM	65.	48.	86.
14 8 7	60.	95.	48.	54.	75.	53.	95.	94.	90.	LCM	64.	49.	85.
14 8 12	63.	88.	50.	58.	77.	56.	100.	85.	93.	LCM	59.	50.	82.
14 8 17	59.	84.	50.	52.	77.	57.	99.	84.	93.	LCM	59.	51.	84.
14 8 22	55.	81.	51.	54.	77.	56.	86.	86.	97.	LCM	65.	50.	85.
14 8 27	56.	84.	58.	51.	77.	55.	90.	85.	92.	LCM	60.	50.	84.
14 8 32	55.	82.	49.	56.	74.	55.	85.	82.	98.	LCM	65.	51.	87.

TIME H/M/S	EC 75 MAST FREQ GN	EC 76 INER REF UNT	EC 80 TRANS SYNC	EC 81 R/H TFR CJMP	EC 82 STU EX AIR	EC 83 JOPF ELEC UT	EC 84 LNC	EC 85 CONVER BOIT	EC 86 WJC	EC 87 SPARE	EC 88 JIT IN AMB A	EC 89 ARS POM SUPP	EC 90 CONVER TOP
12													
14 18 4	51.	80.	49.	55.	75.	54.	93.	84.	98.	LOM	67.	50.	87.
14 18 4	56.	78.	48.	54.	77.	55.	97.	84.	82.	LOM	66.	48.	86.
14 18 9	51.	83.	49.	52.	77.	55.	96.	84.	85.	LOM	66.	50.	85.
14 18 14	58.	84.	50.	51.	75.	56.	88.	86.	98.	LOM	67.	50.	84.
14 18 19	59.	86.	49.	51.	76.	56.	91.	85.	91.	LOM	65.	50.	81.
14 32 7	54.	74.	48.	54.	76.	51.	90.	78.	91.	LOM	60.	49.	82.
14 32 13	54.	75.	45.	52.	74.	52.	90.	82.	90.	LOM	65.	49.	82.
14 32 18	56.	78.	49.	53.	74.	53.	99.	86.	88.	LOM	65.	50.	83.
14 32 23	56.	79.	49.	53.	72.	54.	90.	84.	88.	LOM	64.	49.	84.
14 32 28	58.	74.	48.	54.	71.	54.	97.	79.	90.	LOM	64.	50.	84.
14 32 33	55.	74.	49.	54.	70.	55.	91.	81.	87.	LOM	63.	51.	84.
14 32 39	56.	79.	50.	55.	69.	56.	88.	80.	87.	LOM	62.	51.	84.
14 32 44	57.	79.	51.	55.	68.	58.	95.	81.	86.	LOM	62.	53.	84.
14 32 49	55.	78.	48.	55.	66.	59.	102.	80.	86.	LOM	61.	54.	76.
14 32 54	56.	77.	49.	55.	67.	58.	95.	81.	83.	LOM	62.	53.	80.
14 32 59	54.	76.	51.	58.	69.	58.	90.	82.	84.	LOM	58.	54.	84.
14 33 4	54.	77.	44.	56.	66.	58.	87.	82.	82.	LOM	61.	51.	82.
14 33 9	54.	78.	50.	56.	69.	58.	90.	81.	84.	LOM	64.	54.	84.
14 33 14	54.	77.	51.	55.	70.	57.	90.	81.	83.	LOM	64.	54.	84.

C COMPUTATOR

TIME H/M/S	EC 91 MDINT CCN UT	AF 15 FUEL INLET HYD COOLER UTL	AF 16 FUEL OUTLET HYD COOLER UTL	AF 19 TEMP OIL OUTLET FUEL COOLER L/HENG	AF 20 TEMP OIL OUTLET A/B COOLER L/HENG	SP 3 TEMP HYD OIL OUTLET UTL PUMP	SP 7 TEMP HYD OIL OUTLET PRIMRY PUMP	AF 7 TEMP FUEL INLET MAIN FUELCT L/HENG	AF 3 TEMP FUEL MAIN CONTROL OUTLET L/HENG	AF 9 TEMP FUEL INLET A/B FUELCT L/HENG	AF 22 TEMP OIL TANK L/HENG	AF 27 TEMP OIL INLET AIR-OL COOLER L/HENG	AF 28 TEMP OIL OUTLET AIR-OL COOLER L/HENG
13 1 1	LOM	86.	82.	81.	84.	85.	84.	17.3	LOM	75.1	84.	88.	86.
13 1 12	LOM	87.	83.	81.	84.	84.	85.	14.9	LOM	86.1	84.	87.	86.
13 1 17	LOM	85.	85.	82.	82.	84.	84.	17.3	LOM	81.7	82.	86.	86.
13 1 22	LOM	85.	82.	81.	84.	84.	83.	17.6	LOM	84.8	83.	86.	86.
13 1 27	LOM	86.	74.	81.	84.	85.	84.	15.0	LOM	88.9	83.	86.	86.
13 1 32	LOM	86.	79.	77.	84.	85.	85.	15.8	LOM	85.6	81.	87.	86.
13 1 37	LOM	84.	84.	80.	85.	85.	84.	15.8	LOM	81.7	82.	86.	86.
13 1 40	LOM	85.	83.	80.	85.	85.	85.	15.0	LOM	83.3	83.	86.	86.
13 1 43	LOM	86.	74.	81.	84.	86.	84.	15.7	LOM	82.3	80.	87.	86.
13 1 48	LOM	86.	79.	81.	83.	85.	85.	21.1	LOM	81.3	81.	86.	86.
13 1 53	LOM	86.	84.	82.	84.	84.	85.	18.7	LOM	81.7	82.	86.	86.
13 1 58	LOM	86.	84.	82.	84.	84.	85.	18.7	LOM	81.4	82.	85.	86.
13 2 3	LOM	85.	84.	81.	82.	84.	84.	18.7	LOM	83.8	82.	86.	87.
13 2 8	LOM	85.	83.	81.	78.	84.	85.	15.4	LOM	81.8	82.	86.	85.
13 2 13	LOM	85.	84.	88.	79.	85.	85.	15.4	LOM	81.4	82.	85.	85.
13 2 18	LOM	85.	84.	88.	81.	84.	85.	15.8	LOM	83.8	82.	86.	86.
13 2 23	LOM	86.	84.	82.	79.	84.	85.	18.7	LOM	82.7	81.	86.	86.
13 4 6	LOM	87.	84.	82.	81.	85.	84.	18.4	LOM	82.3	83.	86.	86.
13 4 11	LOM	85.	84.	84.	81.	85.	84.	18.7	LOM	83.8	82.	86.	86.
13 4 16	LOM	91.	86.	81.	84.	86.	85.	19.4	LOM	83.7	83.	86.	86.
13 4 21	LOM	89.	86.	81.	85.	85.	85.	15.9	LOM	82.7	83.	87.	87.
13 4 26	LOM	86.	85.	78.	85.	84.	84.	15.4	LOM	81.7	82.	86.	84.
13 4 31	LOM	86.	87.	81.	83.	86.	84.	19.4	LOM	81.7	82.	86.	85.
13 4 36	LOM	86.	85.	81.	83.	86.	84.	20.1	LOM	83.3	85.	88.	88.
13 4 41	LOM	86.	85.	81.	83.	86.	84.	20.4	LOM	81.8	88.	86.	84.
13 4 46	LOM	85.	82.	82.	81.	83.	85.	15.2	LOM	86.1	87.	87.	87.
13 4 51	LOM	85.	85.	80.	83.	85.	84.	22.9	LOM	81.7	82.	86.	85.
13 4 56	LOM	86.	83.	80.	83.	84.	84.	21.6	LOM	81.7	82.	86.	85.
13 5 1	LOM	85.	82.	82.	81.	83.	84.	21.5	LOM	88.4	82.	86.	84.
13 5 6	LOM	85.	82.	82.	81.	83.	84.	20.8	LOM	79.4	82.	86.	84.
13 5 11	LOM	85.	82.	82.	81.	83.	84.	20.8	LOM	82.3	82.	86.	86.
13 5 16	LOM	85.	84.	81.	82.	85.	79.	20.8	LOM	82.8	82.	86.	87.
13 5 21	LOM	86.	84.	81.	85.	84.	84.	20.1	LOM	88.4	82.	86.	84.
13 5 26	LOM	86.	84.	81.	85.	84.	84.	21.1	LOM	80.1	80.	86.	84.
13 5 31	LOM	85.	84.	82.	80.	84.	82.	20.1	LOM	81.8	82.	86.	88.
13 5 36	LOM	86.	82.	82.	82.	85.	83.	20.1	LOM	83.8	82.	86.	89.
13 5 41	LOM	86.	84.	82.	81.	85.	80.	19.4	LOM	79.1	82.	84.	84.
13 5 46	LOM	86.	83.	81.	81.	85.	80.	19.0	LOM	81.8	82.	85.	85.
13 5 51	LOM	86.	86.	81.	85.	85.	85.	20.1	LOM	81.7	80.	86.	84.
13 5 56	LOM	85.	84.	80.	85.	85.	85.	19.7	LOM	80.4	81.	86.	85.
13 6 1	LOM	87.	84.	80.	82.	84.	84.	15.7	LOM	86.4	82.	86.	84.
13 6 6	LOM	87.	84.	80.	82.	84.	84.	15.7	LOM	86.4	82.	86.	84.
13 6 11	LOM	87.	84.	80.	82.	84.	84.	15.7	LOM	86.4	82.	86.	84.
13 6 16	LOM	84.	80.	81.	82.	79.	84.	20.8	LOM	85.8	82.	86.	86.

TIME M/M/S	EC	91	AF	15	AF	16	AF	19	AF	20	SP	3	SP	7	AF	7	AF	8	AF	9	AF	22	AF	27	AF	28
		HEINT	TEMP	TEMP	TEMP	TEMP	TEMP	TEMP	TEMP	TEMP	TEMP	TEMP	TEMP	TEMP	TEMP	TEMP	TEMP	TEMP	TEMP	TEMP	TEMP	TEMP	TEMP	TEMP	TEMP	
		CCN	FUEL	FUEL	FUEL	FUEL	FUEL	FUEL	FUEL	FUEL	HYD	HYD	HYD	HYD	FUEL	FUEL	FUEL	FUEL	FUEL	FUEL	FUEL	FUEL	FUEL	FUEL	FUEL	
		UT	INLET	INLET	INLET	INLET	INLET	INLET	INLET	INLET	OIL	OIL	OIL	OIL	MAIN	MAIN	MAIN	MAIN	MAIN	MAIN	MAIN	MAIN	MAIN	MAIN	MAIN	
			HYD	HYD	HYD	HYD	HYD	HYD	HYD	HYD	OUTLET	OUTLET	OUTLET	OUTLET	OUTLET	OUTLET	OUTLET	OUTLET	OUTLET	OUTLET	OUTLET	OUTLET	OUTLET	OUTLET	OUTLET	
			COOLER	COOLER	COOLER	COOLER	COOLER	COOLER	COOLER	COOLER	PUMP	PUMP	PUMP	PUMP	FUELCT	FUELCT	FUELCT	FUELCT	FUELCT	FUELCT	FUELCT	FUELCT	FUELCT	FUELCT	FUELCT	
			UTL	UTL	UTL	UTL	UTL	UTL	UTL	UTL					L/MENG	L/MENG	L/MENG	L/MENG	L/MENG	L/MENG	L/MENG	L/MENG	L/MENG	L/MENG	L/MENG	
13 6 22		LCM	84.	78.	81.	82.	82.	82.	82.	82.	85.	85.	85.	85.	18.0	18.0	18.0	18.0	18.0	83.3	83.3	82.	86.	86.	86.	
13 6 27		LUM	91.	86.	82.	80.	80.	80.	80.	80.	83.	83.	83.	83.	18.7	18.7	18.7	18.7	18.7	86.4	86.4	81.	85.	85.	85.	
13 6 37		LUM	86.	86.	82.	81.	81.	81.	81.	81.	85.	85.	85.	85.	20.1	20.1	20.1	20.1	20.1	86.1	86.1	81.	85.	85.	85.	
13 6 42		LCM	86.	86.	82.	81.	81.	81.	81.	81.	85.	85.	85.	85.	19.4	19.4	19.4	19.4	19.4	81.7	81.7	82.	86.	86.	86.	
13 6 47		LUM	86.	86.	82.	81.	81.	81.	81.	81.	85.	85.	85.	85.	19.7	19.7	19.7	19.7	19.7	81.7	81.7	82.	86.	86.	86.	
13 6 47		LUM	83.	77.	80.	82.	82.	82.	82.	82.	84.	84.	84.	84.	16.6	16.6	16.6	16.6	16.6	82.3	82.3	79.	88.	88.	88.	
13 6 52		LCM	83.	79.	88.	82.	82.	82.	82.	82.	84.	84.	84.	84.	18.0	18.0	18.0	18.0	18.0	82.0	82.0	80.	87.	87.	87.	
13 6 57		LUM	79.	78.	80.	81.	81.	81.	81.	81.	84.	84.	84.	84.	18.7	18.7	18.7	18.7	18.7	81.7	81.7	82.	88.	88.	88.	
13 7 2		LUM	74.	82.	88.	80.	80.	80.	80.	80.	85.	85.	85.	85.	19.4	19.4	19.4	19.4	19.4	81.7	81.7	82.	86.	86.	86.	
13 7 7		LCM	78.	81.	88.	80.	80.	80.	80.	80.	84.	84.	84.	84.	18.5	18.5	18.5	18.5	18.5	82.7	82.7	82.	86.	86.	86.	
13 7 12		LUM	79.	86.	88.	81.	81.	81.	81.	81.	84.	84.	84.	84.	16.5	16.5	16.5	16.5	16.5	83.7	83.7	83.	86.	86.	86.	
13 7 10		LUM	79.	79.	88.	82.	82.	82.	82.	82.	84.	84.	84.	84.	18.3	18.3	18.3	18.3	18.3	82.7	82.7	83.	86.	86.	86.	
13 7 23		LUM	82.	79.	80.	81.	81.	81.	81.	81.	84.	84.	84.	84.	18.0	18.0	18.0	18.0	18.0	79.7	79.7	81.	86.	86.	86.	
13 7 28		LUM	87.	90.	82.	84.	84.	84.	84.	84.	86.	86.	86.	86.	18.0	18.0	18.0	18.0	18.0	88.4	88.4	82.	86.	86.	86.	
13 7 33		LUM	85.	89.	88.	88.	88.	88.	88.	88.	84.	84.	84.	84.	18.7	18.7	18.7	18.7	18.7	88.4	88.4	82.	86.	86.	86.	
13 7 30		LUM	85.	89.	88.	88.	88.	88.	88.	88.	84.	84.	84.	84.	18.7	18.7	18.7	18.7	18.7	88.4	88.4	82.	86.	86.	86.	
13 7 43		LUM	84.	84.	88.	81.	81.	81.	81.	81.	87.	87.	87.	87.	18.4	18.4	18.4	18.4	18.4	81.4	81.4	82.	85.	85.	85.	
13 7 48		LUM	84.	82.	88.	86.	86.	86.	86.	86.	89.	89.	89.	89.	11.0	11.0	11.0	11.0	11.0	84.3	84.3	82.	86.	86.	86.	
13 7 53		LUM	85.	83.	88.	82.	82.	82.	82.	82.	93.	93.	93.	93.	14.1	14.1	14.1	14.1	14.1	84.6	84.6	82.	85.	85.	85.	
13 7 58		LUM	86.	86.	82.	81.	81.	81.	81.	81.	95.	95.	95.	95.	34.6	34.6	34.6	34.6	34.6	82.3	82.3	86.	85.	85.	85.	
13 8 3		LUM	85.	85.	82.	81.	81.	81.	81.	81.	96.	96.	96.	96.	45.7	45.7	45.7	45.7	45.7	83.3	83.3	82.	85.	85.	85.	
13 8 8		LUM	88.	90.	82.	84.	84.	84.	84.	84.	99.	99.	99.	99.	74.5	74.5	74.5	74.5	74.5	83.7	83.7	82.	84.	84.	84.	
13 8 13		LUM	86.	88.	83.	86.	86.	86.	86.	86.	100.	100.	100.	100.	75.1	75.1	75.1	75.1	75.1	84.6	84.6	83.	87.	87.	87.	
13 8 18		LUM	86.	84.	85.	83.	83.	83.	83.	83.	103.	103.	103.	103.	87.6	87.6	87.6	87.6	87.6	84.3	84.3	86.	84.	84.	84.	
13 8 23		LUM	86.	86.	85.	85.	85.	85.	85.	85.	102.	102.	102.	102.	88.2	88.2	88.2	88.2	88.2	84.8	84.8	86.	85.	85.	85.	
13 8 28		LUM	86.	86.	86.	86.	86.	86.	86.	86.	105.	105.	105.	105.	92.2	92.2	92.2	92.2	92.2	83.7	83.7	84.	87.	87.	87.	
13 8 33		LUM	79.	78.	87.	88.	88.	88.	88.	88.	105.	105.	105.	105.	94.8	94.8	94.8	94.8	94.8	85.0	85.0	86.	88.	88.	88.	
13 8 43		LUM	84.	84.	90.	91.	91.	91.	91.	91.	105.	105.	105.	105.	98.0	98.0	98.0	98.0	98.0	84.3	84.3	91.	95.	95.	95.	
13 8 48		LUM	84.	84.	91.	92.	92.	92.	92.	92.	106.	106.	106.	106.	99.3	99.3	99.3	99.3	99.3	85.6	85.6	91.	97.	97.	97.	
13 8 53		LUM	84.	88.	91.	93.	93.	93.	93.	93.	106.	106.	106.	106.	102.6	102.6	102.6	102.6	102.6	85.6	85.6	87.	97.	97.	97.	
13 8 58		LUM	81.	88.	93.	95.	95.	95.	95.	95.	106.	106.	106.	106.	103.2	103.2	103.2	103.2	103.2	84.6	84.6	89.	98.	98.	98.	
13 9 3		LUM	77.	76.	92.	97.	97.	97.	97.	97.	108.	108.	108.	108.	105.2	105.2	105.2	105.2	105.2	86.3	86.3	99.	108.	108.	108.	
13 9 13		LUM	79.	85.	97.	103.	103.	103.	103.	103.	108.	108.	108.	108.	107.4	107.4	107.4	107.4	107.4	86.3	86.3	101.	103.	103.	103.	
13 9 18		LUM	80.	88.	111.	114.	114.	114.	114.	114.	108.	108.	108.	108.	105.8	105.8	105.8	105.8	105.8	83.7	83.7	101.	112.	112.	112.	
13 9 23		LUM	81.	88.	111.	114.	114.	114.	114.	114.	108.	108.	108.	108.	106.8	106.8	106.8	106.8	106.8	80.1	80.1	101.	111.	111.	111.	
13 9 28		LUM	80.	88.	113.	115.	115.	115.	115.	115.	108.	108.	108.	108.	111.6	111.6	111.6	111.6	111.6	84.6	84.6	101.	115.	115.	115.	
13 9 33		LUM	81.	82.	113.	115.	115.	115.	115.	115.	108.	108.	108.	108.	110.7	110.7	110.7	110.7	110.7	84.6	84.6	101.	116.	116.	116.	
13 9 38		LUM	81.	86.	112.	115.	115.	115.	115.	115.	108.	108.	108.	108.	110.4	110.4	110.4	110.4	110.4	77.1	77.1	109.	117.	117.	117.	
13 9 43		LUM	86.	86.	112.	115.	115.	115.	115.	115.	108.	108.	108.	108.	109.4	109.4	109.4	109.4	109.4	78.4	78.4	111.	117.	117.	117.	
13 9 48		LUM	76.	82.	108.	112.	112.	112.	112.	112.	108.	108.	108.	108.	116.8	116.8	116.8	116.8	116.8	98.0	98.0	126.	127.	127.	127.	
13 9 53		LUM	77.	79.	105.	108.	108.	108.	108.	108.	108.	108.	108.	108.	118.1	118.1	118.1	118.1	118.1	93.1	93.1	124.	127.	127.	127.	
13 10 4		LUM	79.	86.	115.	118.	118.	118.	118.	118.	108.	108.	108.	108.	114.9	114.9	114.9	114.9	114.9	79.7	79.7	123.	128.	128.	128.	
13 10 9		LUM	79.	83.	115.	118.	118.	118.	118.	118.	108.	108.	108.	108.	113.8	113.8	113.8	113.8	113.8	84.3	84.3	126.	130.	130.	130.	
13 10 14		LUM	87.	84.	119.	125.	125.	125.	125.	125.	108.	108.	108.	108.	114.9	114.9	114.9	114.9	114.9	81.0	81.0	123.	130.	130.	130.	
13 10 19		LUM	82.	82.	118.	124.	124.	124.	124.	124.	111.	111.	111.	111.	117.5	117.5	117.5	117.5	117.5	86.9	86.9	126.	135.	135.	135.	
13 10 24		LUM	73.	84.	121.	134.	134.	134.	134.	134.	110.	110.	110.	110.	120.1	120.1	120.1	120.1	120.1	85.3	85.3	130.	135.	135.	135.	

TIME H/M/S	EC 91 MAINT CON UT	AF 15 TEMP FUEL INLET HYD COOLER UTL	AF 16 TEMP FUEL OUTLET HYD COOLER UTL	AF 19 TEMP OIL OUTLET FUEL COOLER L/HENG	AF 20 TEMP OIL OUTLET FUEL COOLER L/HENG	SP 3 TEMP HYD OIL OUTLET PUMP	SP 7 TEMP HYD OIL OUTLET PUMP	AF 7 TEMP FUEL INLET MAIN FUELCT L/HENG	AF 3 TEMP FUEL MAIN CONTROL OUTLET L/HENG	AF 9 TEMP FUEL INLET A/E FUELCT L/HENG	AF 22 TEMP OIL TANK L/HENG	AF 27 TEMP OIL INLET AIR-OL COOLER L/HENG	AF 28 TEMP OIL OUTLET AIR-OL COOLER L/HENG
13 10 29	LOW	85.	86.	127.	129.	103.	102.	116.2	LOW	81.7	138.	132.	125.
13 10 34	LOW	86.	86.	127.	129.	104.	101.	115.9	LOW	84.6	132.	134.	125.
13 10 39	LOW	86.	86.	129.	129.	106.	102.	115.7	LOW	73.8	133.	136.	128.
13 10 44	LOW	85.	85.	125.	136.	112.	105.	123.0	LOW	84.6	133.	140.	134.
13 10 49	LOW	84.	83.	132.	136.	110.	107.	125.1	LOW	82.3	143.	142.	131.
13 10 54	LOW	88.	83.	129.	146.	112.	107.	123.3	LOW	87.2	144.	145.	134.
13 11 43	LOW	76.	82.	132.	147.	110.	101.	129.6	LOW	92.2	155.	156.	149.
13 11 48	LOW	79.	84.	136.	140.	110.	102.	125.9	LOW	88.6	154.	156.	146.
13 11 58	LOW	84.	76.	139.	136.	110.	103.	127.0	LOW	92.8	152.	157.	150.
13 12 3	LOW	84.	79.	139.	141.	108.	104.	128.1	LOW	92.8	154.	160.	149.
13 12 8	LOW	87.	82.	142.	147.	109.	105.	126.5	LOW	91.5	154.	157.	149.
13 12 13	LOW	86.	81.	142.	149.	110.	106.	126.2	LOW	90.8	157.	160.	151.
13 12 18	LOW	74.	74.	135.	157.	116.	121.	133.6	LOW	102.6	173.	175.	157.
13 12 23	LOW	80.	79.	139.	157.	113.	119.	124.6	LOW	94.4	167.	172.	155.
13 12 28	LOW	85.	85.	130.	158.	117.	120.	126.5	LOW	93.5	168.	172.	156.
13 12 33	LOW	79.	81.	135.	173.	112.	125.	129.7	LOW	90.7	172.	177.	162.
13 12 38	LOW	79.	81.	134.	173.	116.	125.	126.	LOW	98.1	180.	180.	165.
13 12 43	LOW	77.	79.	137.	168.	116.	124.	128.8	LOW	101.6	180.	179.	160.
13 12 48	LOW	87.	85.	143.	163.	113.	117.	123.9	LOW	92.8	181.	179.	163.
13 12 53	LOW	82.	82.	138.	167.	116.	122.	128.5	LOW	90.7	178.	181.	168.
13 12 58	LOW	78.	74.	139.	172.	119.	124.	133.6	LOW	108.5	186.	191.	175.
13 13 3	LOW	77.	76.	141.	171.	118.	123.	132.7	LOW	105.8	186.	184.	176.
13 13 8	LOW	84.	79.	149.	165.	110.	117.	129.1	LOW	94.0	181.	188.	157.
13 13 14	LOW	80.	81.	152.	166.	112.	122.	128.0	LOW	97.1	181.	189.	166.
13 13 19	LOW	79.	84.	152.	169.	110.	122.	128.5	LOW	91.5	182.	191.	170.
13 13 24	LOW	77.	82.	147.	178.	115.	124.	130.1	LOW	93.1	182.	194.	176.
13 13 29	LOW	78.	76.	143.	177.	121.	126.	136.9	LOW	105.7	194.	201.	187.
13 13 34	LOW	78.	75.	146.	175.	118.	124.	135.9	LOW	107.8	195.	201.	187.
13 13 39	LOW	77.	77.	136.	187.	124.	128.	131.7	LOW	107.1	200.	202.	190.
13 13 44	LOW	80.	84.	154.	184.	122.	127.	134.3	LOW	107.0	199.	204.	191.
13 13 49	LOW	80.	85.	142.	191.	116.	126.	131.1	LOW	98.7	200.	203.	191.
13 13 54	LOW	86.	84.	154.	183.	118.	124.	127.8	LOW	95.4	196.	203.	186.
13 13 59	LOW	82.	82.	152.	189.	119.	127.	129.4	LOW	100.0	202.	205.	189.
13 14 4	LOW	78.	79.	155.	186.	119.	122.	134.3	LOW	100.4	205.	206.	184.
13 14 9	LOW	78.	78.	152.	185.	121.	124.	135.6	LOW	118.0	206.	210.	196.
13 14 14	LOW	83.	84.	155.	194.	122.	129.	133.0	LOW	102.2	209.	211.	195.
13 14 19	LOW	83.	85.	155.	198.	120.	127.	130.7	LOW	98.3	205.	210.	194.
13 14 24	LOW	80.	80.	159.	188.	119.	123.	133.5	LOW	96.7	205.	207.	191.
13 14 34	LOW	86.	83.	160.	190.	117.	124.	130.4	LOW	96.7	205.	210.	193.
13 14 39	LOW	83.	79.	158.	191.	121.	129.	135.6	LOW	105.7	214.	215.	207.
13 14 44	LOW	82.	83.	159.	189.	110.	127.	132.0	LOW	103.2	214.	215.	202.
13 14 49	LOW	81.	79.	168.	180.	116.	122.	134.9	LOW	107.1	218.	215.	203.
13 14 54	LOW	83.	81.	165.	184.	110.	125.	132.7	LOW	103.2	218.	215.	202.
13 15 4	LOW	85.	85.	172.	180.	118.	123.	129.4	LOW	95.3	209.	218.	202.
13 15 9	LOW	83.	84.	174.	186.	113.	121.	132.0	LOW	101.3	213.	218.	203.
13 15 14	LOW	77.	75.	172.	187.	121.	128.	138.2	LOW	116.4	218.	222.	212.
13 15 19	LOW	76.	83.	174.	195.	123.	126.	131.1	LOW	105.8	217.	219.	210.

TIME H/M/S	EC 51 MAINT CON UT	AF 15 TEMP FUEL INLET HYD COOLER UTL	AF 16 TEMP FUEL OUTLET HYD COOLER UTL	AF 19 TEMP OIL OUTLET FUEL COOLER L/MENG	AF 28 TEMP OIL OUTLET COOLER L/MENG	SP 3 TEMP HYD OIL OUTLET UTL PUMP	SP 7 TEMP HYD OIL OUTLET PRIMARY PUMP	AF 7 TEMP FUEL INLET MAIN FUELCT L/MENG	AF 8 TEMP FUEL INLET MAIN OUTLET L/MENG	AF 9 TEMP FUEL INLET MAIN OUTLET L/MENG	AF 22 TEMP OIL TANK L/MENG	AF 27 TEMP OIL INLET AIR-OL COOLER L/MENG	AF 28 TEMP OIL OUTLET AIR-OL COOLER L/MENG
13 15 19	LOM	78.	82.	177.	186.	119.	125.	134.8	LOM	106.7	218.	219.	211.
13 15 24	LOM	84.	82.	185.	188.	112.	123.	134.9	LOM	105.2	215.	219.	209.
13 15 29	LOM	82.	81.	188.	187.	117.	128.	136.6	LOM	107.1	217.	222.	212.
13 15 34	LOM	81.	82.	183.	183.	119.	125.	135.6	LOM	112.9	217.	221.	214.
13 15 39	LOM	78.	81.	188.	185.	122.	125.	135.9	LOM	115.2	221.	224.	212.
13 15 44	LOM	76.	79.	188.	185.	125.	128.	137.5	LOM	116.8	223.	225.	218.
13 15 50	LOM	76.	78.	182.	191.	123.	121.	137.9	LOM	115.9	223.	222.	217.
13 15 55	LOM	79.	81.	188.	188.	127.	138.	134.9	LOM	118.4	223.	225.	219.
13 16 0	LOM	79.	82.	188.	197.	126.	133.	135.3	LOM	112.0	223.	226.	219.
13 16 5	LOM	79.	82.	178.	195.	125.	116.	134.3	LOM	109.1	222.	226.	223.
13 16 10	LOM	88.	81.	186.	191.	128.	117.	134.9	LOM	108.1	221.	224.	218.
13 16 15	LOM	82.	86.	187.	184.	128.	128.	133.8	LOM	103.2	222.	224.	215.
13 16 20	LOM	83.	86.	190.	195.	118.	128.	132.4	LOM	101.6	220.	224.	215.
13 16 25	LOM	74.	81.	183.	199.	121.	132.	134.9	LOM	112.3	223.	230.	219.
13 16 30	LOM	81.	81.	185.	196.	121.	131.	135.6	LOM	118.8	228.	227.	219.
13 16 35	LOM	82.	79.	195.	182.	119.	124.	136.9	LOM	112.3	219.	226.	215.
13 16 40	LOM	88.	79.	194.	188.	120.	125.	136.2	LOM	114.6	222.	227.	219.
13 16 53	LOM	85.	83.	198.	187.	114.	116.	134.9	LOM	104.5	219.	224.	212.
13 16 58	LOM	82.	82.	193.	192.	128.	124.	136.9	LOM	109.1	223.	228.	219.
13 17 0	LOM	75.	79.	189.	198.	127.	131.	138.2	LOM	128.1	229.	230.	226.
13 17 10	LOM	76.	79.	190.	197.	126.	126.	137.5	LOM	116.2	231.	231.	224.
13 17 15	LOM	86.	84.	198.	188.	119.	125.	134.9	LOM	102.6	218.	224.	209.
13 17 20	LOM	84.	82.	197.	188.	118.	124.	136.9	LOM	103.9	220.	226.	215.
13 17 25	LOM	81.	82.	189.	198.	123.	132.	135.6	LOM	107.8	224.	229.	222.
13 17 30	LOM	79.	77.	188.	200.	124.	133.	136.6	LOM	111.3	226.	232.	223.
13 17 35	LOM	78.	77.	189.	196.	125.	131.	137.5	LOM	111.9	228.	235.	228.
13 17 40	LOM	80.	79.	192.	198.	126.	133.	140.1	LOM	117.5	228.	235.	227.
13 17 45	LOM	82.	82.	192.	199.	124.	132.	141.4	LOM	117.5	228.	237.	238.
13 17 50	LOM	78.	77.	198.	198.	125.	126.	138.8	LOM	104.1	228.	234.	227.
13 17 55	LOM	77.	77.	193.	198.	125.	126.	142.1	LOM	128.7	229.	237.	227.
13 18 0	LOM	86.	87.	198.	198.	126.	128.	142.1	LOM	118.8	230.	237.	229.
13 18 5	LOM	84.	85.	196.	193.	118.	125.	131.7	LOM	107.1	224.	227.	223.
13 18 10	LOM	84.	82.	205.	189.	116.	122.	136.6	LOM	106.1	224.	227.	223.
13 18 15	LOM	79.	83.	204.	190.	117.	121.	135.2	LOM	111.8	224.	230.	221.
13 18 20	LOM	74.	79.	196.	199.	117.	121.	135.8	LOM	105.7	222.	229.	221.
13 18 25	LOM	75.	79.	195.	198.	126.	129.	143.8	LOM	123.9	233.	234.	238.
13 18 30	LOM	84.	84.	204.	188.	115.	125.	140.4	LOM	122.3	234.	235.	232.
13 18 35	LOM	82.	85.	208.	188.	115.	125.	136.9	LOM	106.4	224.	231.	239.
13 18 40	LOM	86.	86.	208.	196.	119.	128.	137.9	LOM	111.0	228.	233.	224.
13 18 45	LOM	87.	87.	212.	193.	117.	123.	131.1	LOM	105.2	226.	238.	219.
13 18 50	LOM	78.	83.	191.	198.	117.	126.	131.4	LOM	105.6	225.	238.	228.
13 18 55	LOM	81.	81.	195.	197.	130.	132.	138.8	LOM	114.9	237.	248.	239.
13 19 0	LOM	87.	84.	208.	190.	115.	138.	136.2	LOM	116.8	236.	239.	238.
13 19 5	LOM	87.	85.	208.	193.	119.	128.	137.2	LOM	107.1	224.	238.	216.
13 19 10	LOM	82.	86.	203.	191.	122.	125.	137.2	LOM	107.4	225.	231.	225.
13 19 15	LOM	84.	82.	203.	196.	121.	124.	137.9	LOM	114.2	226.	231.	224.
13 19 20	LOM	83.	81.	203.	188.	116.	124.	137.2	LOM	114.9	226.	232.	228.
13 19 25	LOM	84.	84.	201.	195.	119.	122.	137.2	LOM	112.3	228.	231.	224.

TIME H/M/S	EL	91 MAINT CON UT	AF 15 TEMP FUEL INLET HYD COOLER UTL	AF 16 TEMP FUEL OUTLET HYD COOLER UTL	AF 19 TEMP OIL OUTLET FUEL COOLER L/MENG	IF 20 TEMP OIL OUTLET COOLER L/MENG	SP 3 TEMP HYD OIL OUTLET UTL PUMP	SP 7 TEMP HYD OIL OUTLET PRIMARY PUMP	AF 7 TEMP FUEL INLET MAIN FUELCT L/MENG	AF 8 TEMP FUEL MAIN OUTLET L/MENG	AF 9 TEMP FUEL INLET A/B FUELCT L/MENG	AF 22 TEMP OIL TANK L/MENG	AF 27 TEMP OIL INLET AIR-OL COOLER L/MENG	AF 28 TEMP OIL OUTLET AIR-OL COOLER L/MENG
13 22 24	LO4	80.	83.	209.	212.	125.	119.	139.5	LO4	LO4	94.8	231.	232.	231.
13 22 29	LO4	83.	85.	214.	215.	123.	117.	143.8	LO4	LO4	105.8	232.	233.	230.
13 22 34	LO4	74.	80.	219.	223.	128.	117.	156.3	LO4	LO4	131.7	242.	239.	237.
13 22 39	LO4	80.	85.	224.	218.	123.	113.	146.3	LO4	LO4	124.3	239.	236.	232.
13 22 44	LO4	79.	76.	220.	221.	126.	117.	153.5	LO4	LO4	127.2	237.	239.	234.
13 22 49	LO4	80.	77.	221.	219.	124.	116.	154.9	LO4	LO4	125.9	236.	239.	233.
13 22 54	LO4	79.	82.	217.	225.	127.	120.	154.4	LO4	LO4	122.9	246.	241.	235.
13 22 59	LO4	80.	82.	217.	224.	127.	126.	155.3	LO4	LO4	124.9	235.	242.	236.
13 23 4	LO4	81.	78.	223.	219.	121.	115.	156.9	LO4	LO4	122.0	232.	239.	236.
13 23 9	LO4	84.	81.	224.	217.	121.	113.	158.0	LO4	LO4	122.0	232.	236.	231.
13 23 10	LO4	83.	84.	226.	210.	121.	113.	158.0	LO4	LO4	125.9	232.	236.	228.
13 23 15	LO4	80.	82.	222.	216.	127.	114.	155.6	LO4	LO4	128.0	235.	239.	236.
13 23 20	LO4	73.	82.	216.	226.	133.	116.	153.1	LO4	LO4	125.9	239.	239.	236.
13 23 25	LO4	80.	82.	220.	221.	128.	114.	154.4	LO4	LO4	124.9	237.	238.	234.
13 23 30	LO4	77.	74.	219.	221.	128.	119.	158.2	LO4	LO4	129.1	240.	243.	238.
13 23 35	LO4	80.	80.	219.	221.	127.	118.	158.3	LO4	LO4	125.6	237.	239.	236.
13 23 40	LO4	79.	80.	216.	225.	129.	120.	157.6	LO4	LO4	120.5	239.	240.	234.
13 23 45	LO4	81.	80.	221.	221.	125.	116.	157.6	LO4	LO4	127.5	237.	237.	235.
13 23 50	LO4	86.	87.	222.	219.	122.	111.	151.1	LO4	LO4	117.5	232.	234.	231.
13 23 55	LO4	83.	83.	219.	219.	123.	114.	155.6	LO4	LO4	124.3	233.	237.	236.
13 24 0	LO4	84.	85.	217.	223.	124.	117.	153.1	LO4	LO4	124.3	232.	237.	232.
13 24 5	LO4	33.	84.	222.	219.	122.	112.	151.1	LO4	LO4	119.4	234.	233.	230.
13 24 10	LO4	44.	86.	222.	219.	123.	112.	151.8	LO4	LO4	118.8	233.	232.	228.
13 24 15	LO4	85.	87.	224.	219.	121.	113.	151.8	LO4	LO4	116.8	232.	232.	220.
13 24 20	LO4	88.	86.	219.	216.	122.	115.	149.2	LO4	LO4	116.8	232.	239.	230.
13 24 25	LO4	87.	86.	221.	221.	122.	112.	150.8	LO4	LO4	119.1	231.	236.	229.
13 24 30	LO4	79.	81.	217.	226.	129.	117.	158.9	LO4	LO4	130.4	242.	241.	241.
13 24 35	LO4	82.	81.	222.	212.	122.	115.	150.2	LO4	LO4	128.1	230.	235.	236.
13 24 40	LO4	86.	80.	223.	223.	121.	112.	151.8	LO4	LO4	128.7	233.	234.	232.
13 24 45	LO4	85.	87.	226.	221.	120.	111.	153.4	LO4	LO4	126.0	232.	234.	230.
13 24 50	LO4	81.	80.	214.	221.	129.	119.	159.5	LO4	LO4	131.7	239.	244.	238.
13 24 55	LO4	80.	80.	214.	224.	129.	119.	158.9	LO4	LO4	130.4	239.	242.	239.
13 25 0	LO4	78.	80.	224.	218.	121.	116.	160.2	LO4	LO4	134.3	239.	239.	233.
13 25 5	LO4	70.	80.	220.	221.	124.	114.	160.8	LO4	LO4	132.0	240.	240.	235.
13 25 10	LO4	87.	81.	219.	219.	121.	114.	155.0	LO4	LO4	118.8	231.	237.	219.
13 25 15	LO4	82.	80.	218.	228.	124.	115.	158.9	LO4	LO4	127.5	235.	239.	236.
13 25 20	LO4	77.	80.	218.	221.	124.	114.	162.1	LO4	LO4	133.8	239.	244.	239.
13 25 25	LO4	82.	83.	219.	218.	140.	114.	158.2	LO4	LO4	126.5	235.	239.	233.
13 25 30	LO4	86.	87.	226.	222.	145.	117.	151.8	LO4	LO4	118.1	233.	236.	229.
13 25 35	LO4	79.	84.	226.	219.	145.	117.	156.0	LO4	LO4	123.0	235.	237.	231.
13 25 40	LO4	84.	84.	226.	222.	129.	121.	160.2	LO4	LO4	121.9	237.	241.	230.
13 25 46	LO4	83.	83.	221.	224.	125.	127.	160.2	LO4	LO4	124.6	236.	237.	233.
13 25 51	LO4	80.	82.	216.	224.	133.	127.	157.9	LO4	LO4	129.8	242.	240.	240.
13 25 56	LO4	82.	83.	217.	223.	130.	125.	158.9	LO4	LO4	126.2	239.	239.	236.
13 26 1	LO4	84.	86.	228.	215.	119.	116.	157.6	LO4	LO4	123.9	234.	237.	228.
13 26 6	LO4	83.	84.	227.	220.	127.	115.	158.2	LO4	LO4	126.2	234.	237.	230.
13 26 11	LO4	84.	84.	227.	218.	136.	110.	159.5	LO4	LO4	127.2	231.	237.	231.
13 26 16	LO4	82.	79.	221.	221.	142.	115.	158.9	LO4	LO4	129.8	236.	240.	235.
13 26 21	LO4	84.	85.	229.	218.	141.	117.	157.6	LO4	LO4	123.9	229.	234.	229.

TIME
H/M/S

EC 51
MAIN
CON
UT

AF 15
TEMP
FUEL
INLET
HYD
COOLER
UTL

AF 16
TEMP
FUEL
OUTLET
HYD
COOLER
UTL

AF 19
TEMP
OIL
OUTLET
FUEL
COOLER
L/HENG

AF 20
TEMP
OIL
OUTLET
FUEL
COOLER
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SP 3
TEMP
HYD
OIL
OUTLET
PUMP

SP 7
TEMP
HYD
OIL
OUTLET
PUMP

AF 7
TEMP
FUEL
INLET
MAIN
FUELCT
L/HENG

AF 3
TEMP
FUEL
MAIN
OUTLET
L/HENG

AF 9
TEMP
FUEL
INLET
A/B
FUELCT
L/HENG

AF 22
TEMP
OIL
TANK
L/HENG

AF 27
TEMP
OIL
INLET
AIR-OL
COOLER
L/HENG

AF 28
TEMP
OIL
OUTLET
AIR-OL
COOLER
L/HENG

13

13	26	26	LC4	81.	222.	221.	148.	122.	160.2	LO4	129.4	234.	234.
13	26	31	LC4	79.	219.	221.	147.	126.	162.8	LO4	137.5	239.	241.
13	26	36	LC4	82.	219.	224.	143.	131.	162.4	LO4	121.4	234.	234.
13	26	41	LC4	87.	228.	219.	133.	132.	155.6	LO4	121.7	239.	239.
13	26	46	LC4	85.	223.	217.	132.	129.	156.3	LO4	123.3	237.	231.
13	49	8	LC4	88.	232.	213.	121.	116.	162.8	LO4	134.3	239.	231.
13	49	13	LC4	85.	225.	225.	127.	118.	164.4	LO4	138.2	239.	236.
13	49	18	LC4	82.	221.	224.	129.	116.	168.6	LO4	141.4	242.	239.
13	49	23	LC4	86.	225.	221.	126.	116.	169.7	LO4	141.4	242.	239.
13	49	28	LC4	85.	228.	221.	124.	108.	166.8	LO4	136.2	237.	237.
13	49	33	LC4	82.	226.	220.	125.	108.	167.9	LO4	141.7	239.	240.
13	49	38	LC4	83.	226.	220.	125.	121.	163.4	LO4	135.6	239.	240.
13	49	43	LC4	88.	228.	222.	126.	116.	164.1	LO4	136.2	239.	237.
13	49	48	LC4	84.	228.	221.	125.	117.	165.4	LO4	144.6	239.	240.
13	49	53	LC4	79.	229.	222.	123.	119.	164.1	LO4	137.9	239.	241.
13	50	3	LC4	79.	227.	224.	127.	115.	169.2	LO4	145.9	244.	240.
13	50	8	LC4	80.	226.	224.	127.	116.	168.6	LO4	147.2	244.	241.
13	50	13	LC4	82.	224.	222.	127.	121.	171.2	LO4	145.3	242.	247.
13	50	18	LC4	84.	224.	225.	129.	119.	166.3	LO4	141.1	244.	241.
13	50	23	LC4	80.	217.	229.	131.	123.	169.9	LO4	144.8	244.	244.
13	50	28	LC4	82.	220.	231.	133.	121.	165.7	LO4	148.1	242.	240.
13	50	33	LC4	79.	220.	228.	132.	123.	169.6	LO4	147.6	247.	240.
13	50	38	LC4	89.	231.	231.	124.	119.	162.1	LO4	129.8	239.	233.
13	50	43	LC4	90.	231.	229.	125.	116.	161.8	LO4	131.7	237.	241.
13	50	48	LC4	86.	223.	230.	129.	123.	156.9	LO4	142.1	242.	239.
13	50	53	LC4	88.	224.	228.	127.	122.	154.5	LO4	137.2	241.	244.
13	50	58	LC4	89.	229.	221.	121.	114.	160.8	LO4	133.0	235.	236.
13	51	4	LC4	85.	225.	223.	124.	117.	165.7	LO4	135.5	239.	241.
13	51	9	LC4	80.	225.	226.	128.	117.	169.2	LO4	147.9	244.	240.
13	51	14	LC4	82.	227.	228.	131.	121.	167.9	LO4	145.6	247.	239.
13	51	19	LC4	90.	229.	223.	125.	121.	162.1	LO4	128.5	240.	232.
13	51	24	LC4	88.	228.	229.	127.	121.	161.8	LO4	132.7	241.	235.
13	51	29	LC4	86.	224.	219.	125.	114.	167.3	LO4	145.3	239.	242.
14	3	18	LC4	88.	229.	223.	131.	115.	164.7	LO4	135.1	240.	241.
14	3	23	LC4	90.	224.	228.	128.	118.	167.9	LO4	145.3	242.	240.
14	3	28	LC4	87.	221.	225.	126.	118.	167.3	LO4	144.3	242.	239.
14	3	33	LC4	87.	211.	217.	125.	114.	164.1	LO4	142.7	246.	240.
14	3	38	LC4	89.	213.	213.	124.	115.	161.0	LO4	135.5	237.	241.
14	3	43	LC4	87.	216.	199.	126.	115.	162.1	LO4	137.5	242.	244.
14	3	48	LC4	87.	202.	202.	125.	114.	159.9	LO4	139.8	248.	233.
14	3	53	LC4	90.	208.	213.	130.	127.	155.6	LO4	142.1	244.	247.
14	4	3	LC4	89.	207.	207.	126.	124.	154.7	LO4	141.7	242.	246.
14	4	8	LC4	84.	196.	203.	129.	123.	154.4	LO4	151.8	244.	239.
14	4	13	LC4	83.	187.	203.	130.	127.	154.4	LO4	150.8	247.	243.
14	4	18	LC4	91.	204.	193.	126.	126.	144.6	LO4	132.4	244.	244.
14	4	23	LC4	91.	202.	191.	125.	125.	143.4	LO4	135.3	239.	243.
14	4	28	LC4	95.	198.	191.	126.	125.	136.8	LO4	133.6	237.	241.
14	4	33	LC4	94.	196.	192.	127.	128.	137.2	LO4	134.9	240.	242.

TIME H/M/S	EC	51	MAINT CON UT	AF 15	AF 16	AF 19	AF 20	SP 3	SP 7	AF 7	AF 9	AF 9	AF 22	AF 27	AF 28
				TEMP FUEL HYD INLET COOLER UTL	TEMP FUEL HYD OUTLET COOLER L/HENG UTL	TEMP OIL OUTLET FUEL COOLER L/HENG	TEMP OIL OUTLET FUEL COOLER L/HENG	TEMP HYD OIL OUTLET FUEL PUMP	TEMP HYD OIL OUTLET FUEL PUMP	TEMP FUEL MAIN INLET FUELCT L/HENG	TEMP FUEL MAIN INLET FUELCT L/HENG	TEMP FUEL MAIN INLET FUELCT L/HENG	TEMP OIL TANK L/HENG	TEMP OIL INLET AIR-OL COOLER L/HENG	TEMP OIL OUTLET AIR-OL COOLER L/HENG
14 4 29	LOH	91.	90.	196.	183.	123.	128.	119.	134.2	LOH	138.2	239.	239.	246.	234.
14 4 34	LOH	89.	89.	190.	188.	119.	131.	134.5	134.5	LOH	138.2	243.	243.	248.	236.
14 4 39	LOH	84.	79.	185.	185.	134.	126.	134.5	134.5	LOH	141.5	247.	247.	252.	239.
14 4 44	LOH	82.	82.	182.	183.	130.	129.	134.5	134.5	LOH	147.9	249.	249.	252.	242.
14 4 49	LOH	90.	90.	175.	183.	129.	128.	125.9	125.9	LOH	170.4	246.	246.	249.	249.
14 4 54	LOH	88.	88.	173.	178.	131.	124.	124.5	124.5	LOH	135.6	245.	245.	249.	234.
14 4 59	LOH	86.	86.	166.	173.	132.	124.	124.5	124.5	LOH	136.2	248.	248.	249.	240.
14 5 4	LOH	83.	83.	168.	169.	137.	123.	124.5	124.5	LOH	139.1	251.	251.	249.	241.
14 5 9	LOH	85.	85.	164.	167.	131.	123.	127.8	127.8	LOH	146.6	249.	249.	256.	246.
14 5 14	LOH	80.	80.	166.	167.	126.	124.	123.9	123.9	LOH	131.1	249.	249.	255.	242.
14 5 19	LOH	89.	89.	167.	171.	126.	119.	125.9	125.9	LOH	133.6	242.	242.	248.	239.
14 5 24	LOH	81.	84.	161.	164.	134.	122.	129.1	129.1	LOH	143.7	255.	255.	256.	247.
14 5 29	LOH	83.	85.	156.	166.	134.	124.	127.2	127.2	LOH	149.2	255.	255.	263.	246.
14 5 39	LOH	80.	82.	157.	167.	134.	126.	128.5	128.5	LOH	141.1	259.	259.	268.	246.
14 5 44	LOH	84.	84.	158.	162.	132.	122.	126.9	126.9	LOH	140.4	255.	255.	268.	247.
14 5 49	LOH	80.	84.	161.	163.	136.	127.	127.8	127.8	LOH	141.8	260.	260.	265.	249.
14 5 54	LOH	81.	83.	163.	163.	130.	124.	130.7	130.7	LOH	139.5	259.	259.	266.	250.
14 5 59	LOH	93.	90.	203.	203.	129.	124.	143.7	143.7	LOH	141.4	256.	256.	262.	252.
14 6 9	LOH	94.	92.	228.	213.	131.	116.	149.8	149.8	LOH	148.1	265.	265.	266.	268.
14 6 14	LOH	82.	82.	238.	236.	132.	121.	148.2	148.2	LOH	139.5	261.	261.	263.	259.
14 6 19	LOH	79.	84.	230.	231.	130.	119.	149.8	149.8	LOH	142.1	268.	268.	268.	258.
14 6 24	LOH	84.	86.	236.	229.	124.	124.	155.0	155.0	LOH	146.8	259.	259.	257.	253.
14 6 29	LOH	83.	83.	238.	232.	134.	124.	161.5	161.5	LOH	140.4	248.	248.	247.	246.
14 6 34	LOH	87.	87.	234.	231.	123.	116.	164.1	164.1	LOH	142.4	243.	243.	247.	249.
14 6 39	LOH	93.	93.	234.	234.	121.	114.	166.6	166.6	LOH	136.9	246.	246.	239.	248.
14 6 44	LOH	90.	91.	242.	226.	121.	115.	169.2	169.2	LOH	141.4	247.	247.	246.	243.
14 6 49	LOH	89.	89.	233.	220.	122.	115.	167.9	167.9	LOH	138.2	251.	251.	252.	246.
14 6 54	LOH	89.	91.	236.	239.	129.	120.	167.9	167.9	LOH	146.5	251.	251.	253.	245.
14 6 59	LOH	86.	84.	234.	232.	127.	116.	172.5	172.5	LOH	142.7	254.	254.	251.	247.
14 7 4	LOH	88.	90.	233.	233.	127.	117.	168.6	168.6	LOH	144.6	252.	252.	251.	246.
14 7 9	LOH	84.	90.	233.	239.	132.	121.	167.9	167.9	LOH	144.6	253.	253.	254.	258.
14 7 14	LOH	87.	90.	236.	233.	128.	119.	170.5	170.5	LOH	144.8	246.	246.	247.	243.
14 7 19	LOH	90.	90.	237.	224.	125.	111.	169.2	169.2	LOH	141.4	243.	243.	247.	240.
14 7 24	LOH	92.	91.	237.	226.	124.	111.	167.9	167.9	LOH	141.4	243.	243.	247.	240.
14 7 29	LOH	95.	94.	241.	225.	121.	114.	170.9	170.9	LOH	144.6	249.	249.	252.	247.
14 7 34	LOH	82.	86.	234.	234.	130.	120.	174.4	174.4	LOH	149.2	251.	251.	254.	248.
14 7 39	LOH	87.	86.	230.	231.	122.	117.	173.4	173.4	LOH	145.3	251.	251.	254.	246.
14 7 44	LOH	84.	81.	224.	235.	118.	115.	168.9	168.9	LOH	142.7	251.	251.	251.	246.
14 7 49	LOH	91.	91.	232.	233.	121.	115.	168.9	168.9	LOH	142.4	249.	249.	250.	245.
14 7 54	LOH	95.	93.	235.	229.	120.	110.	168.6	168.6	LOH	135.5	246.	246.	245.	248.
14 7 59	LOH	90.	85.	233.	233.	122.	117.	170.2	170.2	LOH	137.9	247.	247.	245.	249.
14 8 4	LOH	95.	90.	229.	235.	135.	121.	169.9	169.9	LOH	150.5	249.	249.	257.	246.
14 8 9	LOH	91.	94.	239.	235.	133.	117.	155.6	155.6	LOH	143.0	247.	247.	253.	244.
14 8 14	LOH	91.	94.	239.	235.	133.	117.	155.6	155.6	LOH	143.0	249.	249.	246.	246.

TIME M/M/S	EC 91 MAINT CON UT	AF 15 TEMP FUEL INLET HYD COOLER UTL	AF 16 TEMP FUEL OUTLET HYD COOLER UTL	AF 19 TEMP OIL OUTLET FUEL COOLER L/HENG	AF 20 TEMP OIL OUTLET L/H COOLER L/HENG	SP 3 TEMP HYD OIL OUTLET PUMP	SP 7 TEMP HYD OIL OUTLET PUMP	AF 7 TEMP FUEL INLET MAIN FUELCT L/HENG	AF 4 TEMP FUEL MAIN CONTROL OUTLET L/HENG	AF 9 TEMP FUEL INLET A/B FUELCT L/HENG	AF 22 TEMP OIL TANK L/HENG	AF 27 TEMP OIL INLET AIR-OL COOLER L/HENG	AF 28 TEMP OIL OUTLET AIR-OL COOLER L/HENG
13													
14 18 4	LOM	89.	92.	239.	232.	127.	116.	168.6	LOM	148.4	248.	247.	245.
14 18 4	LOM	90.	91.	236.	230.	132.	185.	169.9	LOM	148.8	244.	247.	244.
14 18 9	LOM	93.	92.	238.	229.	126.	111.	168.6	LOM	138.2	243.	247.	242.
14 18 14	LOM	90.	91.	231.	234.	127.	122.	169.2	LOM	144.6	250.	252.	247.
14 18 19	LOM	91.	91.	234.	234.	127.	121.	168.9	LOM	143.0	248.	251.	246.
14 32 7	LOM	86.	91.	226.	245.	123.	117.	170.5	LOM	161.8	240.	238.	235.
14 32 13	LOM	81.	86.	239.	239.	124.	113.	167.0	LOM	153.1	243.	243.	237.
14 32 18	LOM	90.	89.	237.	233.	126.	118.	161.5	LOM	145.9	246.	249.	248.
14 32 23	LOM	90.	90.	236.	234.	128.	109.	164.1	LOM	145.6	246.	249.	246.
14 32 28	LOM	91.	90.	234.	233.	132.	115.	162.1	LOM	143.4	246.	249.	241.
14 32 33	LOM	91.	91.	234.	231.	138.	114.	162.1	LOM	143.4	246.	245.	237.
14 32 39	LOM	91.	92.	233.	228.	110.	111.	162.4	LOM	143.8	246.	244.	239.
14 32 44	LOM	90.	92.	232.	225.	118.	112.	162.8	LOM	142.1	245.	241.	238.
14 32 49	LOM	91.	92.	230.	219.	127.	112.	162.8	LOM	145.9	245.	240.	237.
14 32 54	LOM	91.	92.	238.	219.	127.	112.	162.1	LOM	142.1	244.	240.	234.
14 32 59	LOM	91.	90.	228.	214.	127.	112.	162.4	LOM	142.4	243.	239.	234.
14 33 4	LOM	88.	91.	228.	215.	124.	112.	162.4	LOM	144.8	242.	240.	234.
14 33 9	LOM	90.	90.	219.	216.	126.	105.	163.4	LOM	144.8	242.	240.	234.
14 33 14	LOM	90.	90.	222.	215.	129.	109.	163.4	LOM	143.8	242.	241.	234.

C COMMUTATOR

TIME M/M/S	PR 7 TEMP L/HENG COMPT TCP FNU STA650	PR 8 TEMP L/HENG COMPT BOT FNU STA650	PR 9 TEMP L/HENG COMPT INBO FNU STA650	PR 10 TEMP L/HENG COMPT OUTBO FNU STA650	PR 11 TEMP L/HENG COMPT TOP AFT STA770	PR 12 TEMP L/HENG COMPT BOT AFT STA770	AF 17 TEMP FUEL OUTLET FUELOL COOLER L/HENG	PR 16 TEMP HYD OIL INLET UTL PUMP	SP 3 TEMP HYD OIL UTL INLET COOLER	SP 10 TEMP HYD OIL OUTLET UTC CCOLER	EC 90 TEMP AMB FIN TIP COMPT	AF 37 TEMP SKIN MASS TAIL L/H STA687	AF 30 TEMP SKIN MASS TAIL R/H ST687
13 1 1	07.	04.	06.	06.	08.	06.	04.	04.	03.	04.	00.	09.	09.
13 1 12	06.	04.	06.	06.	08.	06.	03.	05.	03.	04.	00.	09.	09.
13 1 17	06.	04.	06.	07.	08.	05.	04.	08.	04.	04.	00.	09.	09.
13 1 22	07.	05.	05.	07.	08.	05.	04.	06.	04.	04.	00.	09.	09.
13 1 27	07.	05.	06.	07.	08.	05.	04.	04.	04.	07.	00.	09.	09.
13 1 32	02.	05.	06.	07.	08.	05.	03.	03.	04.	06.	00.	09.	09.
13 1 37	00.	05.	06.	07.	08.	07.	02.	04.	04.	04.	00.	09.	09.
13 1 42	03.	05.	06.	07.	08.	02.	03.	04.	04.	04.	00.	09.	09.
13 1 47	06.	04.	06.	06.	08.	02.	04.	04.	04.	03.	00.	09.	09.
13 1 52	06.	05.	07.	06.	08.	07.	04.	06.	05.	04.	00.	09.	09.
13 1 57	06.	05.	07.	07.	08.	07.	04.	04.	04.	04.	00.	09.	09.
13 2 2	06.	05.	07.	07.	08.	07.	04.	04.	04.	04.	00.	09.	09.
13 2 7	06.	05.	07.	07.	08.	07.	04.	04.	04.	04.	00.	09.	09.
13 2 12	07.	05.	06.	06.	08.	05.	04.	04.	04.	04.	00.	09.	09.
13 2 17	06.	05.	06.	06.	08.	05.	04.	04.	04.	04.	00.	09.	09.
13 2 22	06.	05.	06.	06.	08.	05.	04.	04.	04.	04.	00.	09.	09.
13 2 27	06.	05.	06.	06.	08.	05.	04.	04.	04.	04.	00.	09.	09.
13 2 32	06.	05.	06.	06.	08.	05.	04.	04.	04.	04.	00.	09.	09.
13 2 37	06.	05.	06.	06.	08.	05.	04.	04.	04.	04.	00.	09.	09.
13 2 42	06.	05.	06.	06.	08.	05.	04.	04.	04.	04.	00.	09.	09.
13 2 47	06.	05.	06.	06.	08.	05.	04.	04.	04.	04.	00.	09.	09.
13 2 52	06.	05.	06.	06.	08.	05.	04.	04.	04.	04.	00.	09.	09.
13 2 57	06.	05.	06.	06.	08.	05.	04.	04.	04.	04.	00.	09.	09.
13 3 2	06.	05.	06.	06.	08.	05.	04.	04.	04.	04.	00.	09.	09.
13 3 7	06.	05.	06.	06.	08.	05.	04.	04.	04.	04.	00.	09.	09.
13 3 12	06.	05.	06.	06.	08.	05.	04.	04.	04.	04.	00.	09.	09.
13 3 17	06.	05.	06.	06.	08.	05.	04.	04.	04.	04.	00.	09.	09.
13 3 22	06.	05.	06.	06.	08.	05.	04.	04.	04.	04.	00.	09.	09.
13 3 27	06.	05.	06.	06.	08.	05.	04.	04.	04.	04.	00.	09.	09.
13 3 32	06.	05.	06.	06.	08.	05.	04.	04.	04.	04.	00.	09.	09.
13 3 37	06.	05.	06.	06.	08.	05.	04.	04.	04.	04.	00.	09.	09.
13 3 42	06.	05.	06.	06.	08.	05.	04.	04.	04.	04.	00.	09.	09.
13 3 47	06.	05.	06.	06.	08.	05.	04.	04.	04.	04.	00.	09.	09.
13 3 52	06.	05.	06.	06.	08.	05.	04.	04.	04.	04.	00.	09.	09.
13 3 57	06.	05.	06.	06.	08.	05.	04.	04.	04.	04.	00.	09.	09.
13 4 2	06.	05.	06.	06.	08.	05.	04.	04.	04.	04.	00.	09.	09.
13 4 7	06.	05.	06.	06.	08.	05.	04.	04.	04.	04.	00.	09.	09.
13 4 12	06.	05.	06.	06.	08.	05.	04.	04.	04.	04.	00.	09.	09.
13 4 17	06.	05.	06.	06.	08.	05.	04.	04.	04.	04.	00.	09.	09.
13 4 22	06.	05.	06.	06.	08.	05.	04.	04.	04.	04.	00.	09.	09.
13 4 27	06.	05.	06.	06.	08.	05.	04.	04.	04.	04.	00.	09.	09.
13 4 32	06.	05.	06.	06.	08.	05.	04.	04.	04.	04.	00.	09.	09.
13 4 37	06.	05.	06.	06.	08.	05.	04.	04.	04.	04.	00.	09.	09.
13 4 42	06.	05.	06.	06.	08.	05.	04.	04.	04.	04.	00.	09.	09.
13 4 47	06.	05.	06.	06.	08.	05.	04.	04.	04.	04.	00.	09.	09.
13 4 52	06.	05.	06.	06.	08.	05.	04.	04.	04.	04.	00.	09.	09.
13 4 57	06.	05.	06.	06.	08.	05.	04.	04.	04.	04.	00.	09.	09.
13 5 2	06.	05.	06.	06.	08.	05.	04.	04.	04.	04.	00.	09.	09.
13 5 7	06.	05.	06.	06.	08.	05.	04.	04.	04.	04.	00.	09.	09.
13 5 12	06.	05.	06.	06.	08.	05.	04.	04.	04.	04.	00.	09.	09.
13 5 17	06.	05.	06.	06.	08.	05.	04.	04.	04.	04.	00.	09.	09.
13 5 22	06.	05.	06.	06.	08.	05.	04.	04.	04.	04.	00.	09.	09.
13 5 27	06.	05.	06.	06.	08.	05.	04.	04.	04.	04.	00.	09.	09.
13 5 32	06.	05.	06.	06.	08.	05.	04.	04.	04.	04.	00.	09.	09.
13 5 37	06.	05.	06.	06.	08.	05.	04.	04.	04.	04.	00.	09.	09.
13 5 42	06.	05.	06.	06.	08.	05.	04.	04.	04.	04.	00.	09.	09.
13 5 47	06.	05.	06.	06.	08.	05.	04.	04.	04.	04.	00.	09.	09.
13 5 52	06.	05.	06.	06.	08.	05.	04.	04.	04.	04.	00.	09.	09.
13 5 57	06.	05.	06.	06.	08.	05.	04.	04.	04.	04.	00.	09.	09.
13 6 2	06.	05.	06.	06.	08.	05.	04.	04.	04.	04.	00.	09.	09.
13 6 7	06.	05.	06.	06.	08.	05.	04.	04.	04.	04.	00.	09.	09.
13 6 12	06.	05.	06.	06.	08.	05.	04.	04.	04.	04.	00.	09.	09.
13 6 17	05.	05.	06.	06.	08.	05.	04.	04.	04.	04.	00.	09.	09.

TIME H/M/S	PR 7 TEMP L/HENG COMPT TCP FND STA650	PR 8 TEMP L/HENG COMPT BOT FND STA650	PR 9 TEMP L/HENG COMPT INBU FND STA650	PR 10 TEMP L/HENG COMPT OUTBD FND STA650	PR 11 TEMP L/HENG COMPT TOP AFT STA770	PR 12 TEMP L/HENG COMPT BOT AFT STA770	AF 17 TEMP FUEL FUELLOL COOLER L/HENG	PR 16 TEMP HYD OIL INLET UTL PUMP	SP 1 TEMP HYD OIL UTL INLET COOLER	SP 10 TEMP HYD OIL OUTLET UTL COOLER	EC 90 TEMP AMB FIN TIP COMPT	AF 37 TEMP SKIN MASS TAIL L/H STA607	AF 38 TEMP SKIN MASS TAIL R/H STA607
13 6 22	85.	86.	85.	86.	86.	84.	83.	83.	91.	86.	82.	90.	89.
13 6 27	76.	86.	85.	86.	86.	86.	82.	85.	90.	91.	81.	90.	90.
13 6 37	81.	86.	86.	86.	86.	86.	83.	84.	92.	92.	82.	90.	90.
13 6 42	85.	84.	86.	86.	85.	84.	83.	84.	94.	91.	82.	88.	89.
13 6 47	85.	84.	86.	86.	85.	84.	83.	84.	93.	91.	83.	88.	89.
13 6 47	84.	87.	86.	86.	87.	88.	88.	78.	92.	90.	82.	90.	88.
13 6 52	85.	86.	86.	86.	88.	87.	84.	88.	93.	91.	82.	90.	89.
13 6 57	86.	85.	85.	87.	90.	84.	84.	84.	97.	93.	82.	90.	90.
13 7 2	86.	85.	85.	86.	90.	79.	83.	84.	96.	93.	81.	89.	90.
13 7 7	87.	84.	86.	86.	89.	84.	83.	85.	100.	93.	81.	90.	90.
13 7 12	86.	83.	85.	86.	87.	84.	83.	84.	98.	92.	81.	90.	90.
13 7 18	86.	82.	86.	84.	85.	83.	84.	84.	95.	90.	82.	90.	89.
13 7 23	86.	83.	86.	85.	87.	84.	83.	84.	96.	92.	81.	90.	89.
13 7 28	84.	86.	86.	87.	87.	84.	82.	85.	99.	95.	88.	88.	89.
13 7 33	85.	86.	86.	87.	86.	84.	82.	85.	97.	96.	88.	89.	89.
13 7 38	86.	87.	84.	86.	89.	84.	82.	85.	101.	98.	79.	90.	90.
13 7 43	86.	87.	85.	86.	88.	84.	83.	82.	102.	99.	82.	90.	89.
13 7 48	86.	84.	84.	85.	89.	84.	84.	86.	102.	98.	82.	90.	89.
13 7 53	86.	84.	85.	85.	91.	86.	82.	86.	100.	98.	81.	90.	89.
13 7 58	86.	86.	86.	86.	90.	86.	83.	98.	103.	101.	81.	88.	89.
13 8 3	86.	84.	86.	86.	91.	86.	84.	92.	105.	101.	80.	89.	84.
13 8 8	86.	86.	86.	88.	91.	88.	84.	94.	108.	100.	81.	92.	86.
13 8 13	85.	85.	87.	87.	92.	87.	85.	94.	103.	100.	81.	90.	90.
13 8 18	87.	86.	87.	86.	95.	91.	86.	99.	101.	97.	79.	90.	90.
13 8 23	87.	86.	87.	87.	95.	91.	86.	99.	103.	97.	81.	90.	90.
13 8 28	86.	85.	87.	87.	95.	91.	86.	99.	105.	97.	81.	90.	89.
13 8 33	86.	85.	87.	87.	95.	91.	86.	99.	106.	98.	81.	90.	89.
13 8 38	86.	85.	87.	87.	95.	91.	86.	99.	108.	98.	81.	90.	89.
13 8 43	86.	85.	87.	87.	95.	91.	86.	99.	109.	97.	81.	90.	89.
13 8 48	86.	85.	87.	87.	95.	91.	86.	99.	111.	97.	81.	90.	89.
13 8 53	86.	85.	87.	87.	95.	91.	86.	99.	113.	97.	81.	90.	89.
13 9 3	85.	87.	85.	82.	91.	87.	96.	106.	106.	95.	78.	89.	88.
13 9 13	85.	87.	85.	82.	91.	87.	96.	106.	106.	95.	78.	89.	88.
13 9 18	85.	87.	85.	82.	91.	87.	96.	106.	106.	95.	78.	89.	88.
13 9 23	85.	87.	85.	82.	91.	87.	96.	106.	106.	95.	78.	89.	88.
13 9 28	85.	87.	85.	82.	91.	87.	96.	106.	106.	95.	78.	89.	88.
13 9 33	85.	87.	85.	82.	91.	87.	96.	106.	106.	95.	78.	89.	88.
13 9 38	85.	87.	85.	82.	91.	87.	96.	106.	106.	95.	78.	89.	88.
13 9 43	85.	87.	85.	82.	91.	87.	96.	106.	106.	95.	78.	89.	88.
13 9 48	85.	87.	85.	82.	91.	87.	96.	106.	106.	95.	78.	89.	88.
13 9 53	85.	87.	85.	82.	91.	87.	96.	106.	106.	95.	78.	89.	88.
13 9 58	85.	87.	85.	82.	91.	87.	96.	106.	106.	95.	78.	89.	88.
13 10 3	85.	87.	85.	82.	91.	87.	96.	106.	106.	95.	78.	89.	88.
13 10 8	85.	87.	85.	82.	91.	87.	96.	106.	106.	95.	78.	89.	88.
13 10 13	85.	87.	85.	82.	91.	87.	96.	106.	106.	95.	78.	89.	88.
13 10 18	85.	87.	85.	82.	91.	87.	96.	106.	106.	95.	78.	89.	88.
13 10 23	85.	87.	85.	82.	91.	87.	96.	106.	106.	95.	78.	89.	88.
13 10 28	85.	87.	85.	82.	91.	87.	96.	106.	106.	95.	78.	89.	88.
13 10 33	85.	87.	85.	82.	91.	87.	96.	106.	106.	95.	78.	89.	88.
13 10 38	85.	87.	85.	82.	91.	87.	96.	106.	106.	95.	78.	89.	88.
13 10 43	85.	87.	85.	82.	91.	87.	96.	106.	106.	95.	78.	89.	88.
13 10 48	85.	87.	85.	82.	91.	87.	96.	106.	106.	95.	78.	89.	88.
13 10 53	85.	87.	85.	82.	91.	87.	96.	106.	106.	95.	78.	89.	88.
13 10 58	85.	87.	85.	82.	91.	87.	96.	106.	106.	95.	78.	89.	88.
13 11 3	85.	87.	85.	82.	91.	87.	96.	106.	106.	95.	78.	89.	88.
13 11 8	85.	87.	85.	82.	91.	87.	96.	106.	106.	95.	78.	89.	88.
13 11 13	85.	87.	85.	82.	91.	87.	96.	106.	106.	95.	78.	89.	88.
13 11 18	85.	87.	85.	82.	91.	87.	96.	106.	106.	95.	78.	89.	88.
13 11 23	85.	87.	85.	82.	91.	87.	96.	106.	106.	95.	78.	89.	88.
13 11 28	85.	87.	85.	82.	91.	87.	96.	106.	106.	95.	78.	89.	88.
13 11 33	85.	87.	85.	82.	91.	87.	96.	106.	106.	95.	78.	89.	88.
13 11 38	85.	87.	85.	82.	91.	87.	96.	106.	106.	95.	78.	89.	88.
13 11 43	85.	87.	85.	82.	91.	87.	96.	106.	106.	95.	78.	89.	88.
13 11 48	85.	87.	85.	82.	91.	87.	96.	106.	106.	95.	78.	89.	88.
13 11 53	85.	87.	85.	82.	91.	87.	96.	106.	106.	95.	78.	89.	88.
13 11 58	85.	87.	85.	82.	91.	87.	96.	106.	106.	95.	78.	89.	88.
13 12 3	85.	87.	85.	82.	91.	87.	96.	106.	106.	95.	78.	89.	88.
13 12 8	85.	87.	85.	82.	91.	87.	96.	106.	106.	95.	78.	89.	88.
13 12 13	85.	87.	85.	82.	91.	87.	96.	106.	106.	95.	78.	89.	88.
13 12 18	85.	87.	85.	82.	91.	87.	96.	106.	106.	95.	78.	89.	88.
13 12 23	85.	87.	85.	82.	91.	87.	96.	106.	106.	95.	78.	89.	88.
13 12 28	85.	87.	85.	82.	91.	87.	96.	106.	106.	95.	78.	89.	88.
13 12 33	85.	87.	85.	82.	91.	87.	96.	106.	106.	95.	78.	89.	88.
13 12 38	85.	87.	85.	82.	91.	87.	96.	106.	106.	95.	78.	89.	88.
13 12 43	85.	87.	85.	82.	91.	87.	96.	106.	106.	95.	78.	89.	88.
13 12 48	85.	87.	85.	82.	91.	87.	96.	106.	106.	95.	78.	89.	88.
13 12 53	85.	87.	85.	82.	91.	87.	96.	106.	106.	95.	78.	89.	88.
13 12 58	85.	87.	85.	82.	91.	87.	96.	106.	106.	95.	78.	89.	88.
13 13 3	85.	87.	85.	82.	91.	87.	96.	106.	106.	95.	78.	89.	88.
13 13 8	85.	87.	85.	82.	91.	87.	96.	106.	106.	95.	78.	89.	88.
13 13 13	85.	87.	85.	82.	91.	87.	96.	106.	106.	95.	78.	89.	88.
13 13 18	85.	87.	85.	82.	91.	87.	96.	106.	106.	95.	78.	89.	88.
13 13 23	85.	87.	85.	82.	91.	87.	96.	106.	106.	95.	78.	89.	88.
13 13 28	85.	87.	85.	82.	91.	87.	96.	106.	106.	95.	78.	89.	88.
13 13 33	85.	87.	85.	82.	91.	87.	96.	106.	106.	95.	78.	89.	88.
13 13 38	85.	87.	85.	82.	91.	87.	96.	106.	106.	95.	78.	89.	88.
13 13 43	85.	87.	85.	82.	91.	87.	96.	106.	106.	95.	78.	89.	88.
13 13 48	85.	87.	85.	82.	91.	87.	96.	106.	106.	95.	78.	89.	88.
13 13 53	85.	87.	85.	82.	91.	87.	96.	106.	106.	95.	78.	89.	88.
13 13 58	85.	87.	85.	82.	91.	87.	96.	106.	106.	95.	78.	89.	88.
13 14 3	85.	87.	85.	82.	91.	87.	96.	106.	106.	95.	78.	89.	88.
13 14 8	85.	87.	85.	82.	91.	87.	96.	106.	106.	95.	78.	89.	88.
13 14 13	85.	87.	85.	82.	91.	87.	96.	106.	106.	95.	78.	89.	88.
13 14 18	85.	87.	85.	82.	91.	87.	96.	106.	106.	95.	78.	89.	88.
13 14 23	85.	87.	85.	82.	91.	87.	96.	106.	106.	95.	78.	89.	88.
13 14 28	85.	87.	85.	82.	91.	87.	96.	106.	106.	95.	78.	89.	88.
13 14 33	85.	87.	85.	82.	91.	87.	96.	106.	106.	95.	78.	89.	88.
13 14 38	85.	87.	85.	82.	91.	87.	96.	106.	106.	95.	78.	89.	88.
13 14 43	85.	87.	85.	82.	91.	87.	96.	106.	106.	95.	78.	89.	88.
13 14 48	85.	87.	85.	82.	91.	87.	96.	106.	106.	95.	78.	89.	88.
13 14 53	85.	87.	85.	82.	91.	87.	96.	106.	106.	95.	78.	89.	88.
13 14 58	85.	87.	85.	82.	91.	87.	96.	106.	106.	95.	78.	89.	88.
13 15 3	85.	87.	85.	82.	91.	87.	96.	106.	106.	95.	78.	89.	88.
13 15 8	85.	87.	85.	82.	91.	87.	96.	106.	106.	95.	78.	89.	88.
13 15 13	85.	87.	85.	82.	91.	87.	96.	106.	106.	95.	78.	89.	88.
13 15 18	85.	87.	85.	82.	91.	87.	96.	106.	106.	95.	78.	89.	88.
13 15 23	85.	87.	85.	82.	91.	87.	96.	106.	106.	95.	78.	89.	88.
13 15 28	85.	87.	85.	82.	91.	87.	96.	106.	106.	95.	78.	89.	88.
13 15 33	85.	87.											

TIME W/M/S	PF TEMP L/HENG COMPT TOP FWD STA65C	7 TEMP L/HENG COMPT BOT FWD STA65C	8 TEMP L/HENG COMPT BOT FWD STA65C	PR TEMP L/HENG COMPT INBD FWD STA65C	9 TEMP L/HENG COMPT INBD FWD STA65C	PR TEMP L/HENG COMPT F4D STA65D	10 TEMP L/HENG COMPT F4D STA65D	PR TEMP L/HENG COMPT AFT STA770	11 TEMP L/HENG COMPT AFT STA770	PR TEMP L/HENG COMPT AFT STA770	12 TEMP L/HENG COMPT AFT STA770	AF TEMP FUEL OUTLET COOLER L/HENG	PR TEMP HYD OIL INLET UTL PUMP	SP TEMP HYD OIL INLET COOLER	3 TEMP HYD OIL UTL INLET COOLER	SP TEMP HYD OIL OUTLET UTL COOLER	EC TEMP AMB FIN TIP COMPT	AF TEMP SKIN MASS TAIL L/H STA687	37 TEMP SKIN MASS TAIL L/H STA687	AF TEMP SKIN MASS TAIL R/H STA687
13 10 29	92.	97.	97.	93.	93.	95.	99.	135.	116.	115.	113.	100.	77.	88.	90.	90.	90.	90.	90.	90.
13 10 34	94.	96.	96.	93.	93.	95.	99.	135.	116.	115.	113.	100.	77.	88.	90.	90.	90.	90.	90.	90.
13 10 39	93.	95.	95.	93.	93.	95.	99.	135.	116.	115.	113.	100.	77.	88.	90.	90.	90.	90.	90.	90.
13 10 44	88.	92.	92.	92.	92.	84.	87.	118.	122.	116.	106.	124.	79.	89.	91.	91.	91.	91.	91.	91.
13 10 49	86.	93.	93.	90.	90.	89.	85.	106.	124.	121.	103.	103.	79.	89.	91.	91.	91.	91.	91.	91.
13 10 54	86.	89.	89.	87.	87.	86.	85.	104.	129.	115.	103.	103.	79.	89.	91.	91.	91.	91.	91.	91.
13 11 43	93.	95.	95.	94.	94.	91.	93.	126.	137.	115.	116.	113.	79.	89.	91.	91.	91.	91.	91.	91.
13 11 48	95.	97.	97.	97.	97.	93.	93.	128.	135.	116.	116.	113.	79.	89.	91.	91.	91.	91.	91.	91.
13 11 53	94.	103.	103.	98.	98.	95.	95.	133.	136.	117.	119.	111.	79.	89.	91.	91.	91.	91.	91.	91.
13 12 3	97.	103.	103.	97.	97.	98.	96.	131.	127.	118.	118.	111.	79.	89.	91.	91.	91.	91.	91.	91.
13 12 8	93.	101.	101.	98.	98.	95.	91.	129.	129.	121.	117.	112.	76.	89.	91.	91.	91.	91.	91.	91.
13 12 13	94.	99.	99.	97.	97.	94.	91.	129.	132.	122.	116.	110.	76.	89.	91.	91.	91.	91.	91.	91.
13 12 18	91.	100.	100.	93.	93.	96.	98.	129.	151.	117.	113.	105.	76.	89.	91.	91.	91.	91.	91.	91.
13 12 23	95.	105.	105.	95.	95.	103.	102.	137.	139.	124.	120.	132.	76.	89.	91.	91.	91.	91.	91.	91.
13 12 28	97.	105.	105.	95.	95.	99.	98.	135.	139.	124.	120.	132.	76.	89.	91.	91.	91.	91.	91.	91.
13 12 33	95.	102.	102.	95.	95.	92.	94.	125.	150.	128.	117.	108.	79.	89.	91.	91.	91.	91.	91.	91.
13 12 38	85.	92.	92.	84.	84.	92.	94.	125.	150.	128.	117.	108.	79.	89.	91.	91.	91.	91.	91.	91.
13 12 43	90.	97.	97.	92.	92.	95.	95.	135.	152.	120.	113.	105.	78.	89.	91.	91.	91.	91.	91.	91.
13 12 48	80.	99.	99.	93.	93.	95.	97.	137.	147.	125.	118.	112.	76.	89.	91.	91.	91.	91.	91.	91.
13 12 53	181.	101.	101.	98.	98.	101.	104.	134.	156.	123.	116.	116.	76.	89.	91.	91.	91.	91.	91.	91.
13 12 58	98.	101.	101.	98.	98.	100.	104.	146.	157.	123.	117.	104.	78.	89.	91.	91.	91.	91.	91.	91.
13 13 3	93.	105.	105.	99.	99.	103.	103.	140.	149.	126.	121.	132.	77.	89.	91.	91.	91.	91.	91.	91.
13 13 9	95.	106.	106.	100.	100.	103.	102.	144.	149.	124.	121.	132.	77.	89.	91.	91.	91.	91.	91.	91.
13 13 14	90.	105.	105.	99.	99.	102.	103.	142.	148.	124.	121.	132.	75.	89.	91.	91.	91.	91.	91.	91.
13 13 19	89.	100.	100.	92.	92.	99.	101.	137.	155.	129.	113.	106.	75.	89.	91.	91.	91.	91.	91.	91.
13 13 24	95.	106.	106.	98.	98.	103.	108.	158.	164.	121.	117.	106.	75.	89.	91.	91.	91.	91.	91.	91.
13 13 29	94.	106.	106.	99.	99.	103.	108.	158.	164.	121.	117.	106.	75.	89.	91.	91.	91.	91.	91.	91.
13 13 34	90.	99.	99.	93.	93.	94.	99.	158.	162.	121.	117.	106.	75.	89.	91.	91.	91.	91.	91.	91.
13 13 39	92.	103.	103.	96.	96.	96.	102.	149.	167.	123.	115.	106.	75.	89.	91.	91.	91.	91.	91.	91.
13 13 44	94.	99.	99.	93.	93.	95.	98.	141.	165.	123.	115.	106.	75.	89.	91.	91.	91.	91.	91.	91.
13 13 49	91.	99.	99.	97.	97.	95.	98.	141.	165.	123.	115.	106.	75.	89.	91.	91.	91.	91.	91.	91.
13 13 54	84.	99.	99.	96.	96.	98.	99.	145.	165.	133.	119.	106.	75.	89.	91.	91.	91.	91.	91.	91.
13 13 59	87.	100.	100.	91.	91.	105.	107.	153.	172.	128.	120.	111.	76.	89.	91.	91.	91.	91.	91.	91.
13 14 4	102.	108.	108.	104.	104.	103.	107.	161.	173.	125.	118.	111.	76.	89.	91.	91.	91.	91.	91.	91.
13 14 9	95.	108.	108.	98.	98.	95.	99.	156.	173.	125.	118.	111.	76.	89.	91.	91.	91.	91.	91.	91.
13 14 14	92.	108.	108.	98.	98.	95.	99.	156.	173.	125.	118.	111.	76.	89.	91.	91.	91.	91.	91.	91.
13 14 19	92.	103.	103.	94.	94.	99.	99.	146.	170.	134.	119.	106.	75.	89.	91.	91.	91.	91.	91.	91.
13 14 24	86.	101.	101.	97.	97.	96.	95.	149.	169.	126.	121.	114.	74.	89.	91.	91.	91.	91.	91.	91.
13 14 34	89.	102.	102.	98.	98.	99.	99.	149.	169.	126.	121.	114.	74.	89.	91.	91.	91.	91.	91.	91.
13 14 39	95.	106.	106.	99.	99.	103.	103.	149.	169.	126.	121.	114.	74.	89.	91.	91.	91.	91.	91.	91.
13 14 44	96.	106.	106.	100.	100.	102.	103.	149.	169.	126.	121.	114.	74.	89.	91.	91.	91.	91.	91.	91.
13 14 49	105.	113.	113.	105.	105.	111.	97.	156.	180.	134.	120.	111.	78.	89.	91.	91.	91.	91.	91.	91.
13 14 54	95.	109.	109.	94.	94.	103.	96.	166.	181.	129.	124.	111.	76.	89.	91.	91.	91.	91.	91.	91.
13 15 4	84.	107.	107.	99.	99.	103.	97.	168.	176.	133.	124.	111.	76.	89.	91.	91.	91.	91.	91.	91.
13 15 9	93.	110.	110.	103.	103.	102.	99.	152.	172.	130.	126.	115.	74.	89.	91.	91.	91.	91.	91.	91.
13 15 14	104.	111.	111.	103.	103.	105.	105.	152.	178.	134.	124.	114.	74.	89.	91.	91.	91.	91.	91.	91.
13 15 19	98.	110.	110.	99.	99.	101.	104.	159.	192.	130.	121.	107.	77.	89.	91.	91.	91.	91.	91.	91.
13 15 24	86.	103.	103.	95.	95.	91.	94.	159.	193.	130.	119.	108.	74.	89.	91.	91.	91.	91.	91.	91.

TIME M/M/S	PR 7 TEMP L/HENG COMPT TOP FWD STAB50	PR 8 TEMP L/HENG COMPT BOT FWD STAB50	PR 9 TEMP L/HENG COMPT INBO FWD STAB50	PR 10 TEMP L/HENG COMPT OUTBO FWD STAB50	PR 11 TEMP L/HENG COMPT TOP AFT STAB70	PR 12 TEMP L/HENG COMPT BOT AFT STAB70	AF 17 TEMP FUEL OUTLET FUELOL COOLER L/HENG	PR 16 TEMP HYD OIL INLET UTL PUMP	SP 9 TEMP HYD OIL UTL INLET COOLER	SP 10 TEMP HYD OIL OUTLET UTC COOLER	EC 90 TEMP ANG FIN TIP COMPT	AF 37 TEMP SKIN MASS TAIL L/H STAB97	AF 38 TEMP SKIN MASS TAIL R/H STAB97
13 15 19	93.	107.	102.	99.	99.	156.	193.	133.	120.	111.	75.	88.	88.
13 15 24	99.	113.	104.	100.	103.	170.	189.	134.	125.	113.	75.	88.	88.
13 15 29	93.	104.	100.	100.	103.	165.	193.	136.	123.	109.	76.	86.	86.
13 15 34	95.	110.	105.	101.	103.	176.	193.	120.	123.	111.	76.	86.	87.
13 15 39	95.	106.	102.	96.	100.	173.	197.	120.	120.	109.	76.	87.	87.
13 15 44	97.	100.	100.	97.	97.	172.	203.	120.	119.	100.	78.	87.	87.
13 15 49	97.	109.	103.	100.	97.	176.	202.	120.	120.	119.	78.	86.	86.
13 15 50	95.	106.	99.	97.	90.	171.	200.	134.	121.	100.	60.	90.	88.
13 15 55	95.	105.	99.	95.	96.	159.	200.	135.	120.	103.	79.	89.	88.
13 16 0	90.	101.	97.	90.	94.	167.	207.	139.	121.	100.	78.	89.	89.
13 16 5	99.	101.	97.	97.	96.	171.	203.	130.	122.	112.	76.	88.	88.
13 16 10	93.	106.	95.	92.	91.	151.	199.	145.	123.	112.	76.	91.	84.
13 16 15	87.	97.	95.	91.	91.	162.	190.	143.	124.	113.	76.	91.	87.
13 16 20	86.	100.	96.	94.	95.	170.	212.	130.	119.	106.	80.	88.	88.
13 16 25	92.	106.	97.	93.	95.	167.	206.	140.	122.	100.	77.	88.	89.
13 16 30	89.	100.	92.	91.	96.	160.	204.	133.	125.	114.	76.	87.	91.
13 16 35	95.	113.	105.	101.	99.	180.	207.	131.	123.	113.	76.	87.	89.
13 16 40	95.	110.	100.	99.	99.	182.	207.	142.	120.	116.	75.	88.	90.
13 16 53	92.	100.	101.	97.	96.	174.	190.	140.	125.	111.	75.	88.	87.
13 16 50	92.	100.	100.	94.	96.	174.	190.	134.	110.	110.	76.	91.	86.
13 16 55	87.	106.	99.	94.	97.	177.	212.	137.	117.	100.	77.	89.	87.
13 17 0	91.	107.	98.	95.	97.	176.	216.	145.	127.	117.	75.	89.	89.
13 17 10	91.	112.	100.	97.	97.	171.	198.	145.	127.	117.	75.	88.	88.
13 17 15	94.	114.	103.	99.	100.	177.	200.	140.	126.	114.	74.	88.	88.
13 17 20	83.	105.	95.	91.	93.	167.	203.	146.	116.	113.	74.	89.	90.
13 17 25	87.	106.	97.	92.	95.	173.	207.	143.	118.	115.	76.	88.	89.
13 17 30	89.	107.	99.	91.	90.	177.	210.	144.	124.	106.	77.	88.	88.
13 17 35	92.	111.	99.	94.	102.	180.	211.	130.	123.	100.	77.	85.	87.
13 17 40	92.	110.	101.	93.	103.	180.	212.	139.	121.	107.	77.	86.	88.
13 17 45	84.	107.	97.	91.	100.	174.	200.	143.	123.	110.	76.	87.	89.
13 17 50	95.	115.	102.	97.	100.	185.	213.	135.	122.	100.	76.	86.	86.
13 17 55	94.	113.	101.	90.	107.	193.	213.	137.	122.	110.	76.	85.	87.
13 18 0	82.	105.	99.	89.	94.	172.	205.	147.	127.	110.	75.	90.	84.
13 18 05	89.	108.	102.	96.	96.	174.	205.	145.	127.	119.	74.	90.	86.
13 18 10	97.	115.	103.	102.	103.	188.	206.	141.	129.	116.	74.	88.	88.
13 18 15	92.	111.	102.	99.	99.	177.	202.	143.	130.	110.	74.	88.	89.
13 18 20	84.	110.	103.	97.	97.	186.	216.	136.	123.	111.	78.	87.	86.
13 18 25	89.	109.	102.	99.	99.	176.	204.	139.	123.	110.	78.	87.	87.
13 18 30	92.	114.	103.	101.	101.	176.	206.	147.	130.	119.	74.	89.	89.
13 18 35	90.	100.	99.	94.	99.	174.	209.	147.	127.	117.	75.	88.	89.
13 18 40	91.	105.	99.	95.	99.	170.	204.	149.	120.	120.	75.	90.	89.
13 18 45	90.	105.	98.	95.	99.	172.	203.	149.	129.	120.	74.	90.	89.
13 18 50	84.	100.	90.	93.	103.	180.	210.	145.	123.	106.	76.	87.	89.
13 18 55	92.	110.	99.	98.	100.	182.	217.	144.	125.	106.	76.	86.	88.
13 19 0	89.	110.	101.	99.	100.	175.	204.	149.	134.	121.	75.	89.	90.
13 19 05	87.	108.	99.	95.	99.	171.	203.	155.	132.	119.	75.	89.	90.
13 19 10	97.	116.	106.	103.	110.	183.	200.	143.	120.	117.	74.	86.	86.
13 19 15	93.	113.	105.	100.	105.	180.	204.	143.	130.	119.	74.	88.	87.
13 19 20	95.	114.	106.	103.	105.	180.	206.	144.	131.	119.	69.	84.	88.
13 19 25	94.	110.	103.	98.	104.	179.	206.	140.	131.	119.	72.	87.	89.

TIME H/M/S	PR 7 TEMP L/HENG COMPT TOP FND STA650	PR 8 TEMP L/HENG COMPT BOT FND STA650	PR 9 TEMP L/HENG COMPT INOD FND STA650	PR 10 TEMP L/HENG COMPT OUTBD FAD STA650	PR 11 TEMP L/HENG COMPT TOP AFT STA770	PR 12 TEMP L/HENG COMPT BOT AFT STA770	AF 17 TEMP FUEL OUTLET FUELOL COOLER L/HENG	PR 16 TEMP HYD OIL INLET UTL PUMP	SP 9 TEMP HYD OIL UTL INLET COOLER	SP 10 TEMP HYD OIL OUTLET UTC COOLER	EC 90 TEMP AMB FIN TIP COMPT	AF 37 TEMP SKIN MASS TAIL L/H STA607	AF 30 TEMP SKIN MASS TAIL R/H STA607
13 22 24	94.	111.	106.	105.	104.	174.	204.	151.	127.	119.	76.	98.	98.
13 22 29	89.	106.	105.	95.	96.	171.	209.	150.	125.	119.	76.	98.	89.
13 22 34	98.	103.	107.	98.	95.	172.	227.	151.	121.	115.	76.	87.	86.
13 22 39	97.	103.	107.	91.	95.	159.	219.	156.	125.	115.	75.	87.	86.
13 22 44	96.	105.	106.	93.	95.	172.	221.	154.	125.	110.	76.	87.	87.
13 22 49	95.	107.	106.	93.	100.	174.	219.	155.	127.	114.	75.	89.	88.
13 22 54	95.	103.	104.	87.	95.	169.	223.	160.	125.	111.	77.	88.	87.
13 22 59	97.	107.	104.	87.	97.	178.	224.	159.	125.	110.	78.	86.	86.
13 23 4	93.	105.	107.	92.	96.	177.	221.	152.	120.	115.	74.	87.	87.
13 23 10	90.	108.	107.	94.	95.	173.	215.	150.	129.	119.	74.	88.	88.
13 23 15	92.	107.	108.	91.	96.	172.	217.	157.	126.	116.	75.	86.	86.
13 23 20	92.	101.	103.	85.	92.	159.	223.	160.	125.	113.	78.	88.	88.
13 23 25	96.	104.	108.	92.	95.	171.	216.	158.	127.	115.	76.	88.	87.
13 23 30	100.	105.	95.	92.	92.	171.	226.	150.	126.	118.	78.	87.	86.
13 23 35	93.	103.	96.	88.	92.	156.	219.	162.	127.	112.	76.	88.	88.
13 23 40	93.	103.	103.	84.	98.	169.	224.	150.	123.	112.	78.	88.	87.
13 23 45	95.	107.	106.	91.	97.	172.	228.	159.	127.	116.	76.	87.	87.
13 23 50	84.	103.	105.	88.	91.	157.	218.	157.	129.	115.	76.	98.	89.
13 23 55	92.	106.	106.	92.	95.	171.	216.	154.	129.	116.	76.	87.	88.
13 24 0	84.	97.	99.	84.	89.	165.	216.	167.	129.	116.	76.	87.	89.
13 24 5	90.	103.	105.	90.	93.	169.	215.	163.	127.	118.	75.	87.	89.
13 24 10	87.	95.	107.	87.	90.	165.	220.	171.	120.	116.	76.	98.	89.
13 24 15	90.	99.	102.	91.	98.	163.	216.	165.	129.	110.	75.	89.	89.
13 24 20	89.	101.	105.	87.	98.	160.	209.	169.	130.	117.	74.	89.	89.
13 24 25	89.	102.	105.	87.	98.	161.	222.	166.	124.	115.	74.	89.	88.
13 24 30	93.	102.	105.	89.	95.	170.	222.	168.	124.	118.	76.	86.	86.
13 24 35	87.	106.	106.	93.	96.	169.	219.	159.	127.	115.	75.	87.	87.
13 24 40	87.	102.	107.	86.	90.	163.	211.	165.	120.	119.	75.	91.	87.
13 24 45	89.	101.	100.	88.	91.	152.	211.	166.	129.	128.	74.	92.	88.
13 24 50	90.	101.	105.	82.	93.	169.	221.	168.	126.	129.	77.	92.	91.
13 24 55	91.	102.	105.	95.	92.	160.	221.	161.	123.	118.	76.	87.	85.
13 25 0	101.	108.	114.	95.	97.	176.	221.	154.	125.	116.	76.	87.	85.
13 25 5	85.	106.	111.	88.	96.	173.	223.	168.	125.	112.	77.	87.	86.
13 25 10	85.	106.	105.	88.	98.	168.	211.	170.	137.	118.	74.	98.	90.
13 25 15	89.	107.	107.	81.	90.	167.	217.	164.	132.	116.	75.	88.	88.
13 25 20	92.	105.	107.	87.	95.	172.	224.	168.	126.	108.	77.	86.	86.
13 25 25	92.	105.	107.	88.	92.	159.	217.	163.	128.	112.	75.	88.	87.
13 25 30	91.	103.	105.	89.	87.	161.	212.	160.	130.	112.	74.	88.	88.
13 25 35	94.	106.	103.	91.	91.	169.	215.	165.	130.	114.	75.	89.	88.
13 25 40	93.	106.	106.	89.	96.	167.	222.	164.	136.	112.	78.	88.	88.
13 25 45	89.	106.	106.	89.	93.	162.	216.	168.	137.	116.	76.	88.	88.
13 25 50	91.	105.	105.	89.	95.	171.	223.	160.	131.	116.	76.	88.	89.
13 25 55	94.	104.	104.	87.	92.	166.	221.	170.	134.	118.	74.	89.	89.
13 26 0	94.	111.	111.	95.	97.	171.	216.	167.	139.	124.	75.	89.	89.
13 26 5	93.	106.	108.	98.	93.	178.	218.	166.	135.	120.	75.	88.	87.
13 26 10	91.	113.	114.	99.	95.	175.	216.	164.	132.	125.	75.	88.	87.
13 26 15	97.	107.	105.	99.	97.	176.	220.	163.	130.	128.	75.	88.	88.
13 26 20	97.	107.	113.	99.	97.	170.	214.	162.	138.	127.	74.	88.	88.

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TIME H/M/S	PR 7 TEMP L/HENG COMPT	PR 8 TEMP L/HENG COMPT	PR 9 TEMP L/HENG COMPT	PR 10 TEMP L/HENG COMPT	PR 11 TEMP L/HENG COMPT	PR 12 TEMP L/HENG COMPT	AF 17 TEMP FUEL OUTLET	PR 16 TEMP HYD OIL	SP 9 TEMP HYD OIL	SP 10 TEMP HYD OIL	EC 98 TEMP AMB FIN	AF 37 TEMP SKIN MASS	AF 38 TEMP SKIN MASS
14 4 29	84.	122.	105.	107.	101.	192.	200.	170.	139.	126.	77.	88.	88.
14 4 34	82.	116.	99.	99.	90.	133.	204.	179.	134.	122.	70.	89.	89.
14 4 39	80.	121.	105.	101.	103.	194.	206.	167.	132.	121.	74.	86.	85.
14 4 44	90.	119.	103.	101.	99.	131.	207.	167.	131.	119.	77.	85.	85.
14 4 49	90.	118.	97.	95.	91.	157.	195.	163.	132.	119.	77.	90.	74.
14 4 54	91.	116.	99.	100.	99.	159.	193.	177.	133.	122.	78.	89.	81.
14 4 59	85.	112.	90.	91.	93.	159.	193.	177.	133.	122.	78.	89.	81.
14 5 4	91.	110.	99.	90.	90.	159.	194.	170.	130.	120.	78.	84.	90.
14 5 9	93.	125.	103.	101.	100.	158.	193.	173.	128.	117.	70.	86.	88.
14 5 14	91.	120.	99.	99.	103.	141.	193.	173.	128.	118.	70.	86.	86.
14 5 19	90.	121.	106.	105.	99.	147.	190.	180.	131.	120.	79.	88.	80.
14 5 24	95.	125.	105.	110.	103.	149.	174.	170.	139.	120.	75.	89.	87.
14 5 29	100.	126.	105.	110.	106.	157.	176.	177.	130.	127.	77.	88.	86.
14 5 39	94.	124.	100.	100.	100.	167.	192.	171.	126.	119.	70.	80.	84.
14 5 39	99.	127.	103.	110.	105.	171.	186.	170.	130.	116.	79.	80.	84.
14 5 44	90.	129.	106.	110.	105.	172.	180.	170.	132.	121.	70.	87.	80.
14 5 49	100.	130.	95.	113.	108.	174.	183.	176.	135.	121.	70.	86.	87.
14 5 54	95.	126.	97.	109.	105.	172.	189.	170.	132.	117.	70.	87.	88.
14 5 59	90.	120.	112.	110.	109.	182.	192.	177.	133.	119.	76.	86.	86.
14 6 9	90.	125.	112.	109.	110.	182.	209.	180.	131.	114.	70.	86.	86.
14 6 14	90.	115.	103.	99.	110.	179.	211.	180.	133.	110.	77.	85.	80.
14 6 19	95.	116.	105.	96.	111.	178.	241.	170.	129.	113.	75.	87.	86.
14 6 19	103.	110.	110.	103.	111.	178.	239.	179.	130.	113.	77.	87.	86.
14 6 24	105.	121.	114.	105.	116.	183.	240.	171.	131.	119.	80.	80.	84.
14 6 29	94.	114.	110.	93.	112.	180.	230.	170.	137.	120.	70.	80.	86.
14 6 36	97.	116.	116.	95.	110.	186.	239.	170.	130.	120.	70.	80.	86.
14 6 41	94.	109.	121.	95.	101.	181.	231.	178.	133.	120.	79.	80.	87.
14 6 46	92.	107.	118.	90.	92.	181.	219.	187.	134.	125.	74.	80.	80.
14 6 51	96.	114.	120.	97.	97.	183.	220.	185.	131.	119.	77.	89.	80.
14 6 56	99.	114.	120.	96.	99.	185.	223.	185.	136.	123.	77.	87.	88.
14 6 59	91.	103.	108.	88.	90.	180.	227.	183.	130.	123.	77.	87.	80.
14 7 11	99.	109.	112.	89.	90.	189.	227.	192.	130.	125.	77.	80.	90.
14 7 16	95.	107.	110.	87.	100.	186.	234.	176.	130.	125.	79.	80.	86.
14 7 21	87.	103.	113.	82.	85.	181.	230.	182.	130.	117.	79.	80.	86.
14 7 26	93.	110.	117.	89.	91.	180.	229.	180.	120.	110.	79.	80.	87.
14 7 31	102.	116.	125.	95.	91.	178.	227.	183.	120.	110.	80.	80.	80.
14 7 36	101.	114.	124.	96.	97.	190.	224.	180.	136.	121.	80.	80.	87.
14 7 42	94.	110.	110.	84.	95.	180.	221.	180.	136.	124.	78.	80.	80.
14 7 47	91.	108.	116.	84.	94.	179.	227.	186.	135.	125.	70.	80.	80.
14 7 52	97.	111.	116.	93.	99.	173.	227.	182.	134.	125.	79.	80.	87.
14 7 57	99.	112.	110.	91.	99.	183.	235.	182.	130.	114.	81.	80.	87.
14 8 02	91.	105.	115.	85.	91.	176.	227.	180.	131.	110.	81.	80.	87.
14 8 07	96.	108.	120.	91.	91.	180.	230.	193.	129.	110.	80.	80.	86.
14 8 12	95.	115.	121.	95.	96.	181.	219.	193.	129.	113.	78.	91.	90.
14 8 17	90.	110.	118.	83.	93.	180.	225.	185.	131.	113.	80.	80.	80.
14 8 22	90.	107.	116.	86.	91.	181.	226.	187.	134.	115.	76.	80.	80.
14 8 27	92.	110.	110.	92.	87.	181.	225.	190.	133.	115.	76.	80.	89.

[illegible]

C COMMUTATOR

TIME H/M/S	PR 30 TEMP	PR 19 AIR BLEED STARTER L/HENG	AF 31 TEMP SKIN MASS MING UPR L/HOUT	AF 32 TEMP SKIN MASS MING UPR L/HIN	1F 33 TEMP SKIN MASS 4ING JPR R/HOUT	AF 34 TEMP SKIN MASS	PR 4 PRESS ENGINE RATIO L/H	SP 16 VOLIS DC BUSS	AF 5 FLOW FUEL L/HENG	PR 1 RPM N1 TACH GER L/HENG	PR 2 RPM N2 TACH GER L/HENG	CS 5 ATTD PITCH	CS 6 ATTD ROLL
13 1 1	72.	.342	89.	88.	90.	98.	2.987	28.92	78584.	49.	100.	2.	1.
13 1 12	72.	.562	88.	89.	90.	89.	2.986	28.44	78280.	68.	114.	2.	0.
13 1 17	71.	.538	90.	88.	90.	88.	2.996	28.92	78280.	68.	114.	2.	-3.
13 1 22	71.	-.171	89.	88.	89.	89.	2.985	28.28	78429.	54.	100.	2.	0.
13 1 27	72.	.147	89.	89.	89.	88.	2.982	28.82	78584.	58.	71.	1.	1.
13 1 32	72.	-.342	89.	89.	90.	90.	2.983	27.90	78429.	68.	71.	2.	0.
13 1 37	73.	.978	74.	88.	86.	89.	2.982	28.82	78584.	107.	128.	1.	0.
13 1 42	72.	.782	81.	88.	88.	89.	2.985	28.90	78728.	63.	107.	1.	-1.
13 1 47	73.	.391	88.	88.	90.	89.	2.987	28.82	78855.	78.	100.	1.	1.
13 1 52	73.	-.122	89.	88.	90.	89.	2.985	27.50	78429.	54.	86.	1.	1.
13 1 57	72.	-.196	89.	88.	89.	88.	2.987	28.17	78855.	78.	114.	1.	-1.
13 1 58	74.	.196	89.	87.	89.	89.	1.494	28.86	78285.	68.	108.	2.	-1.
13 1 59	73.	.587	89.	91.	90.	89.	2.991	28.66	78654.	45.	86.	2.	-4.
13 2 0	73.	.824	88.	88.	90.	89.	2.988	28.47	78654.	54.	71.	2.	-2.
13 2 03	74.	.448	89.	87.	90.	89.	2.982	28.87	78679.	97.	128.	3.	-1.
13 2 08	74.	.635	88.	88.	90.	89.	2.982	28.74	78616.	92.	107.	2.	-1.
13 2 13	74.	-.391	89.	88.	90.	88.	2.982	27.88	78285.	107.	171.	1.	0.
13 2 18	75.	1.369	87.	87.	86.	84.	2.985	25.86	78354.	107.	114.	1.	-5.
13 2 23	75.	.978	88.	87.	86.	86.	2.984	26.45	78285.	83.	121.	2.	-1.
13 2 28	74.	.244	88.	88.	89.	91.	2.983	26.45	77980.	57.	86.	2.	-1.
13 2 33	74.	.293	88.	87.	89.	89.	3.088	26.69	78167.	107.	64.	1.	-2.
13 2 38	75.	-.873	87.	87.	89.	88.	2.989	26.83	78053.	97.	180.	2.	1.
13 2 43	75.	-.147	88.	88.	89.	88.	2.989	25.97	78354.	52.	78.	1.	0.
13 2 48	75.	-.310	89.	87.	88.	88.	2.987	26.16	78280.	68.	-14.	2.	-2.
13 2 53	76.	-.391	88.	88.	90.	90.	2.972	26.40	78138.	39.	36.	3.	-1.
13 2 58	76.	-.310	88.	88.	90.	89.	2.977	26.26	78093.	58.	86.	2.	-1.
13 3 03	74.	.244	89.	87.	90.	87.	2.976	26.83	78429.	88.	57.	2.	-2.
13 3 08	74.	.310	88.	87.	90.	87.	2.976	26.40	78055.	78.	86.	2.	-1.
13 3 13	77.	-.147	86.	86.	90.	89.	2.983	26.34	78055.	68.	43.	2.	-2.
13 3 18	76.	.782	90.	88.	89.	90.	2.983	26.29	78055.	68.	78.	2.	-2.
13 3 23	76.	.448	89.	88.	89.	89.	2.975	26.72	78093.	63.	107.	2.	-1.
13 3 28	76.	.888	86.	89.	90.	90.	2.976	25.97	77980.	97.	71.	1.	-2.
13 3 33	76.	-.898	87.	89.	90.	90.	2.976	26.08	77980.	88.	100.	2.	-1.
13 3 38	76.	-.310	89.	88.	89.	88.	2.981	26.45	78285.	49.	86.	1.	-2.
13 3 43	76.	.782	87.	89.	89.	88.	2.981	26.26	78093.	73.	86.	2.	-1.
13 3 48	75.	.782	87.	89.	90.	89.	2.982	26.24	78280.	88.	143.	-8.	-1.
13 3 53	75.	.782	88.	89.	89.	89.	2.983	26.59	78317.	102.	108.	0.	-1.
13 3 58	74.	.587	87.	88.	89.	88.	2.988	26.48	78285.	146.	57.	1.	-1.
13 4 03	74.	.489	88.	88.	89.	89.	2.988	25.22	78242.	126.	71.	0.	-1.
13 4 08	75.	.342	88.	88.	88.	84.	2.991	27.69	78429.	97.	180.	2.	-1.
13 4 13	72.	-.873	88.	88.	87.	87.	2.989	27.80	78541.	117.	43.	2.	-1.
13 4 18	69.	.293	89.	89.	90.	90.	2.978	28.33	77980.	214.	157.	2.	-1.

TIME H/M/S	PR 38 TEMP SURFAC FWD PART MOVBLE SPIKE	PR 19 AIR BLEED STAMTR L/HENG	AF 31 TEMP SKIN MASS WING UPR L/HOUT	AF 32 TEMP SKIN MASS WING UPR L/HIN	AF 33 TEMP SKIN MASS WING JPR R/HOUT	AF 34 TEMP SKIN MASS	PR 4 PRESS ENGINE RATIO L/H	SP 16 VOLTS DC BUSS	AF 5 FLOM FUEL L/HENG	PR 1 RPM N1 TACH GER L/HENG	PR 2 RPM N2 TACH GER L/HENG	CS 5 ATTD PITCH	CS 6 ATTD ROLL
13 6 22	72.	.171	88.	89.	90.	89.	2.903	28.33	77980.	156.	121.	2.	-1.
13 6 27	74.	.587	88.	88.	89.	89.	2.900	28.60	78285.	70.	120.	2.	-0.
13 6 37	74.	.415	87.	87.	89.	89.	2.900	28.49	77988.	34.	114.	2.	-1.
13 6 42	74.	.782	86.	87.	86.	88.	2.900	28.39	78285.	187.	86.	1.	3.
13 6 47	74.	.171	88.	86.	86.	88.	2.903	27.93	78288.	63.	71.	1.	0.
13 6 52	75.	.898	88.	89.	90.	89.	2.902	27.90	77980.	70.	86.	-0.	-2.
13 6 57	75.	.147	88.	88.	90.	90.	2.905	28.31	78130.	54.	71.	1.	-3.
13 7 2	73.	.196	88.	88.	90.	90.	2.901	28.28	78018.	97.	57.	1.	-2.
13 7 7	73.	.196	87.	87.	89.	89.	2.901	28.28	78018.	102.	70.	2.	-1.
13 7 12	74.	.587	88.	88.	90.	89.	2.902	28.28	77986.	60.	8.	3.	-3.
13 7 18	74.	.635	88.	89.	90.	89.	2.902	28.06	77986.	60.	71.	2.	-1.
13 7 23	75.	.342	88.	89.	90.	90.	2.905	28.33	78138.	97.	188.	1.	-1.
13 7 28	74.	.147	88.	89.	90.	90.	2.906	28.33	78242.	62.	121.	2.	-1.
13 7 33	73.	.147	88.	87.	88.	88.	2.902	28.23	78138.	97.	43.	1.	-1.
13 7 38	73.	.824	88.	88.	89.	89.	2.902	28.39	78285.	97.	71.	1.	-2.
13 7 43	73.	3.275	88.	88.	74.	89.	2.905	27.74	78354.	48.	463.	3.	-2.
13 7 48	74.	14.736	88.	89.	81.	90.	2.909	27.88	78089.	63.	2181.	2.	0.
13 7 53	75.	25.895	91.	88.	97.	91.	2.905	27.47	78085.	385.	2388.	2.	1.
13 7 58	71.	25.415	89.	88.	92.	89.	2.907	27.58	78242.	496.	2015.	1.	0.
13 8 3	74.	27.273	86.	88.	88.	89.	2.900	27.88	78285.	683.	4277.	2.	-0.
13 8 8	74.	26.931	88.	86.	88.	88.	2.908	27.88	78285.	696.	4733.	2.	-1.
13 8 13	75.	26.637	87.	87.	89.	87.	2.903	28.28	78429.	1428.	6042.	2.	0.
13 8 18	74.	1.271	89.	89.	88.	89.	2.905	27.96	78928.	1639.	7204.	2.	-1.
13 8 23	74.	.668	88.	88.	88.	89.	2.907	27.85	78980.	2518.	8525.	2.	0.
13 8 28	73.	.253	88.	88.	87.	87.	2.919	28.81	79482.	2656.	9138.	2.	-3.
13 8 33	74.	.171	88.	87.	90.	88.	2.899	27.96	79215.	3347.	9022.	2.	-2.
13 8 43	75.	1.271	86.	88.	90.	88.	2.891	27.28	78878.	3644.	9036.	1.	-5.
13 8 48	74.	.806	87.	88.	89.	88.	2.891	27.96	78841.	3974.	9036.	2.	-2.
13 8 53	73.	.196	87.	86.	88.	87.	2.893	27.74	78654.	3974.	9036.	2.	1.
13 9 3	73.	.391	87.	86.	88.	88.	2.895	28.23	78883.	3969.	9036.	2.	0.
13 9 13	75.	.147	88.	89.	89.	89.	2.892	27.96	78980.	3918.	9036.	1.	-1.
13 9 18	73.	.635	88.	89.	89.	88.	2.886	28.06	79028.	3918.	9036.	2.	0.
13 9 23	70.	.513	88.	88.	82.	89.	2.891	28.09	79065.	3974.	9036.	2.	0.
13 9 28	72.	.342	89.	90.	88.	90.	2.891	27.58	78288.	3882.	9058.	1.	0.
13 9 33	73.	.122	88.	90.	88.	89.	2.894	27.82	78766.	3935.	9036.	2.	-2.
13 9 38	71.	8.000	88.	86.	87.	89.	2.891	28.39	79177.	3958.	9036.	2.	-2.
13 9 43	71.	.171	88.	88.	88.	88.	2.891	28.44	79289.	3958.	9036.	2.	1.
13 9 48	74.	.898	88.	87.	88.	88.	2.897	28.04	79289.	3960.	9036.	1.	-0.
13 9 53	71.	.147	88.	87.	89.	87.	2.897	28.84	79289.	3960.	9036.	2.	0.
13 9 58	70.	.538	87.	89.	89.	89.	2.891	28.71	79182.	3960.	9036.	2.	-1.
13 10 4	73.	.147	88.	88.	88.	88.	2.887	28.36	79182.	4038.	9036.	2.	-1.
13 10 9	72.	.849	88.	88.	90.	89.	2.889	28.06	79252.	4038.	9036.	2.	-2.
13 10 14	71.	.684	88.	88.	90.	88.	2.893	28.15	79148.	3974.	9036.	2.	-3.
13 10 19	72.	.970	89.	88.	88.	88.	2.893	27.96	78883.	3968.	9036.	2.	-5.
13 10 24	71.	.147	89.	88.	89.	90.	2.893	27.85	79182.	3968.	9036.	1.	-2.
13 10 29	71.	.220	89.	89.	89.	90.	2.891	27.88	79148.	3945.	9058.	1.	-1.

TIME M/MS	PR 38 TEMP SURFACE FWD PART MOVABLE SPIKE	PR 19 AIR BLEED STARTER L/HENG	AF 31 TEMP SKIN MASS WING UPR L/HOUT	AF 32 TEMP SKIN MASS WING UPR L/HIN	AF 33 TEMP SKIN MASS WING JPR L/HOUT	AF 34 TEMP SKIN MASS	PR 4 PRESS ENGINE RATIO L/H	SP 16 VOLTS DC BUSS	AF 5 FLOW FUEL L/HENG	PR 1 RPM N1 TACH GER L/HENG	PR 2 RPM N2 TACH GER L/HENG	CS 5 ATTO PITCH	CS 6 ATTO ROLL
13 10 29	71.	-0.49	85.	87.	86.	86.	2.895	27.74	79551.	3985.	9936.	1.	-2.
13 10 30	71.	-0.68	86.	87.	88.	87.	2.896	27.74	79402.	3965.	9805.	1.	-1.
13 10 31	70.	-0.733	74.	86.	84.	88.	2.895	27.90	79482.	3978.	9805.	1.	-1.
13 10 32	70.	-0.64	81.	89.	87.	89.	2.894	27.98	79252.	3979.	9872.	2.	-8.
13 10 33	72.	0.888	86.	98.	89.	88.	2.893	28.28	78953.	4828.	10864.	2.	-2.
13 10 34	72.	-0.196	88.	98.	90.	88.	2.892	28.09	78998.	4833.	9993.	2.	-1.
13 10 35	70.	-0.147	86.	93.	87.	88.	2.834	27.74	79327.	4699.	18862.	1.	-2.
13 10 36	71.	-0.873	87.	91.	86.	88.	2.826	27.93	79551.	4804.	11803.	2.	-2.
13 10 37	71.	-0.898	87.	88.	86.	88.	2.881	27.88	79482.	5293.	11461.	2.	1.
13 10 38	71.	-0.122	87.	87.	87.	87.	2.798	27.77	79551.	5488.	11582.	2.	0.
13 10 39	72.	-0.64	88.	88.	86.	86.	2.747	27.53	79177.	5546.	11968.	2.	-1.
13 10 40	72.	-0.415	88.	88.	88.	87.	2.735	28.28	80088.	5838.	12145.	1.	-1.
13 10 41	69.	0.888	86.	88.	88.	88.	2.721	28.09	80088.	5941.	12245.	2.	4.
13 10 42	72.	-0.342	87.	86.	89.	86.	2.787	28.39	40119.	6178.	12345.	2.	2.
13 10 43	71.	-0.391	85.	86.	86.	87.	2.783	28.25	79.	6163.	12345.	2.	1.
13 10 44	69.	-0.489	88.	98.	91.	90.	2.789	27.96	556.	6256.	12316.	3.	1.
13 10 45	68.	-0.538	87.	88.	98.	89.	2.789	27.82	357.	6246.	12373.	1.	8.
13 10 46	73.	-0.293	87.	88.	89.	89.	2.711	27.85	238.	6266.	12482.	2.	-2.
13 10 47	72.	-0.167	87.	88.	88.	90.	2.712	27.88	40119.	6287.	12438.	2.	-2.
13 10 48	71.	-0.604	84.	86.	88.	88.	2.785	28.28	80088.	6108.	12473.	2.	-8.
13 10 49	70.	-0.507	85.	86.	88.	88.	2.787	28.09	80088.	6133.	12381.	2.	0.
13 10 50	74.	1.875	84.	93.	88.	86.	2.716	27.47	238.	6081.	12316.	1.	-8.
13 10 51	74.	-0.409	87.	88.	87.	87.	2.721	27.85	199.	6125.	12359.	1.	-2.
13 10 52	75.	-0.293	87.	87.	93.	87.	2.716	28.12	80088.	6118.	12373.	1.	-1.
13 10 53	74.	-0.244	89.	89.	91.	88.	2.712	28.39	79813.	6066.	12385.	1.	-1.
13 10 54	68.	-0.409	86.	87.	86.	88.	2.787	27.98	238.	6128.	12331.	1.	-1.
13 10 55	68.	-0.409	83.	87.	87.	87.	2.716	28.28	39978.	6144.	12388.	1.	-8.
13 10 56	72.	-0.409	88.	89.	89.	89.	2.714	28.23	79551.	6111.	12316.	2.	-1.
13 10 57	71.	-0.409	87.	88.	90.	87.	2.714	28.04	39895.	6134.	12352.	2.	-8.
13 10 58	74.	-0.733	88.	98.	91.	89.	2.726	27.74	238.	6128.	12359.	2.	-1.
13 10 59	74.	-0.269	88.	89.	89.	88.	2.717	28.81	39558.	6115.	12359.	2.	-1.
13 10 60	76.	-0.929	88.	88.	91.	90.	2.722	27.88	80088.	6108.	12382.	2.	1.
13 10 61	74.	-0.789	88.	88.	91.	89.	2.719	28.28	79525.	6125.	12331.	1.	1.
13 10 62	78.	-0.898	85.	86.	86.	88.	2.711	28.06	79551.	6159.	12359.	1.	-1.
13 10 63	72.	-0.318	85.	85.	87.	88.	2.714	28.81	79738.	6129.	12373.	2.	-1.
13 10 64	74.	-0.635	88.	89.	91.	89.	2.711	27.74	79776.	6081.	12331.	2.	1.
13 10 65	76.	-0.244	88.	89.	91.	92.	2.713	28.81	79478.	6050.	12389.	2.	-8.
13 10 66	74.	-0.196	90.	84.	89.	89.	2.728	28.33	79781.	6118.	12316.	1.	-1.
13 10 67	75.	-0.342	89.	86.	90.	87.	2.717	27.96	79858.	6115.	12288.	2.	-1.
13 10 68	73.	-1.173	88.	84.	88.	87.	2.789	27.74	318.	6168.	12316.	2.	2.
13 10 69	74.	-0.391	88.	87.	89.	87.	2.712	27.96	318.	6144.	12359.	2.	1.
13 10 70	76.	-0.244	88.	88.	89.	85.	2.716	27.56	1230.	6168.	12473.	1.	-8.
13 10 71	76.	-0.244	87.	86.	91.	88.	2.713	27.77	159.	6159.	12416.	1.	-1.
13 10 72	76.	-0.733	96.	89.	88.	88.	2.707	27.58	79858.	6168.	12359.	3.	-1.
13 10 73	75.	-0.293	91.	87.	88.	86.	2.787	27.82	39565.	6178.	12382.	3.	-1.
13 10 74	74.	-0.196	86.	86.	88.	86.	2.714	28.39	79776.	6061.	12382.	2.	-8.
13 10 75	74.	-0.318	85.	86.	88.	88.	2.714	27.93	79813.	6086.	12389.	1.	-1.
13 10 76	75.	-0.538	98.	98.	91.	84.	2.713	27.15	0.	6108.	12359.	1.	-1.

TIME M/M/S	PR 30 TEMP SURFAC FWD PART MOVBLE SPIKE	PR 19 AIR BLEED STARTR L/MENG	AF 31 TEMP SKIN MENG UPR L/HOUT	AF 32 TEMP SKIN MENG UPR L/HOUT	AF 33 TEMP SKIN MENG UPR L/HOUT	AF 34 TEMP SKIN MENG	PR 4 PRESS ENGINE RATIO L/H	SP 16 VOLTS DC BUSS	AF 5 FLOW FUEL L/MENG	PR 1 N1 TACH GER L/MENG	PR 2 N2 TACH GER L/MENG	CS 5 ATTN PITCH	CS 6 ATTN ROLL
13 15 19	75.	.318	87.	88.	88.	85.	2.716	27.31	48.	6095.	12881.	2.	-1.
13 15 24	76.	.049	87.	88.	88.	86.	2.711	27.63	0.	5916.	12859.	1.	1.
13 15 29	76.	.293	88.	87.	87.	87.	2.708	27.93	0.	6842.	12858.	2.	-0.
13 15 34	72.	-.147	85.	87.	86.	84.	2.714	27.98	79776.	6168.	12888.	3.	2.
13 15 39	72.	-.293	85.	85.	85.	84.	2.712	27.98	79813.	6154.	12881.	2.	0.
13 15 44	71.	-.849	86.	86.	86.	86.	2.717	27.98	79.	6188.	12866.	2.	1.
13 15 49	72.	-.228	85.	86.	87.	87.	2.716	27.98	39815.	6144.	12866.	2.	-0.
13 15 54	74.	-.196	88.	86.	86.	87.	2.716	28.71	88888.	6118.	12831.	2.	-0.
13 16 0	72.	.171	88.	86.	86.	86.	2.712	28.67	79813.	6139.	12824.	2.	-0.
13 16 5	76.	.587	89.	88.	88.	88.	2.705	27.63	79626.	6176.	12873.	2.	-1.
13 16 10	76.	.587	88.	88.	88.	88.	2.711	27.88	39912.	6162.	12848.	2.	-1.
13 16 15	77.	-.094	88.	88.	88.	88.	2.707	28.17	88888.	6052.	12816.	3.	-2.
13 16 20	78.	.489	89.	89.	88.	81.	2.714	28.04	79963.	6037.	12888.	2.	-1.
13 16 25	74.	.448	89.	87.	88.	89.	2.711	27.95	79858.	6052.	12845.	2.	1.
13 16 30	75.	.530	89.	88.	88.	88.	2.714	27.77	79813.	6081.	12845.	2.	1.
13 16 35	76.	-.689	86.	82.	86.	87.	2.713	28.39	8.	6061.	12873.	1.	-1.
13 16 40	74.	-.464	86.	88.	86.	87.	2.718	28.09	39925.	6115.	12838.	2.	-1.
13 16 45	77.	.147	88.	88.	88.	87.	2.718	28.17	397.	6188.	12807.	1.	0.
13 16 50	76.	.233	87.	88.	87.	91.	2.713	27.96	199.	6163.	12809.	2.	-0.
13 16 55	72.	.244	86.	87.	88.	88.	2.716	27.74	79781.	6013.	12845.	3.	1.
13 17 0	88.	.293	88.	87.	88.	88.	2.709	27.66	39898.	6076.	12845.	2.	1.
13 17 10	88.	.293	88.	87.	88.	88.	2.707	28.81	79776.	6098.	12873.	2.	-1.
13 17 15	77.	.824	87.	89.	87.	91.	2.704	27.42	79888.	6173.	12873.	-3.	-0.
13 17 20	75.	-.147	88.	89.	88.	91.	2.716	27.74	79.	6108.	12802.	1.	-2.
13 17 25	76.	-.073	87.	88.	88.	91.	2.715	27.74	79.	6155.	12802.	1.	-2.
13 17 30	75.	.367	88.	87.	88.	89.	2.702	28.20	88888.	6149.	12873.	1.	-1.
13 17 35	75.	.351	88.	86.	88.	89.	2.704	27.96	79858.	6154.	12845.	2.	2.
13 17 40	74.	.367	88.	88.	88.	89.	2.714	27.98	159.	6188.	14503.	2.	-10.
13 17 45	75.	.269	86.	86.	87.	89.	2.714	27.88	39938.	6158.	13057.	2.	-5.
13 17 50	74.	.088	86.	86.	87.	94.	2.709	28.06	79925.	6217.	12438.	1.	-1.
13 17 55	76.	.694	88.	86.	87.	31.	2.712	28.23	6082.	6144.	12416.	1.	-1.
13 18 0	76.	.694	88.	87.	88.	84.	2.707	28.23	238.	6061.	12459.	1.	-10.
13 18 5	78.	1.173	86.	87.	88.	85.	2.708	28.17	48844.	6118.	12888.	2.	-5.
13 18 10	77.	.978	85.	86.	87.	83.	2.714	28.71	238.	6052.	12802.	1.	0.
13 18 15	71.	-.244	85.	86.	85.	85.	2.713	28.67	39857.	6076.	12809.	2.	-0.
13 18 20	73.	-.415	86.	86.	85.	88.	2.709	27.85	79776.	6139.	12816.	1.	-0.
13 18 25	78.	-.849	88.	86.	88.	88.	2.713	27.69	79551.	6144.	12895.	2.	-0.
13 18 30	77.	-.409	88.	86.	88.	88.	2.714	28.06	39938.	6061.	12838.	2.	-1.
13 18 35	76.	-.318	86.	88.	89.	86.	2.705	28.12	79925.	6098.	12816.	2.	-1.
13 18 40	76.	1.124	84.	86.	89.	89.	2.714	27.85	79476.	6125.	12831.	2.	-1.
13 18 45	76.	.026	86.	86.	87.	88.	2.705	28.93	79813.	6159.	12845.	2.	1.
13 18 50	79.	.096	86.	88.	89.	57.	2.705	28.33	79.	6105.	12805.	2.	0.
13 18 55	79.	.228	87.	88.	89.	88.	2.709	28.12	39898.	6135.	12835.	2.	1.
13 19 0	79.	.244	86.	88.	89.	74.	2.707	27.69	79482.	6168.	12845.	2.	0.
13 19 5	77.	.342	86.	86.	86.	81.	2.712	27.77	79551.	6154.	12824.	2.	0.
13 19 10	78.	.367	86.	86.	86.	87.	2.707	28.39	79858.	6118.	12816.	2.	0.
13 19 15	78.		86.	86.	86.	87.	2.707	28.12	79551.	6061.	12817.	3.	-0.

TIME H/M/S	PR 30 TEMP SURFAC FWD PART MOVABLE SFIDE	PR 19 AIR BLEED STARIR L/MENG	AF 31 TEMP SKIN MASS WING UPR L/HOUT	AF 32 TEMP SKIN MASS WING UPR L/MIN	AF 33 TEMP SKIN MASS WING UPR L/HOUT	AF 34 TEMP SKIN MASS	PR 4 PRESS ENGINE RATIO L/H	SP 18 VOLTS DC BUSS	AF 5 FLOW FUEL L/MENG	PR 1 RPM N1 TACH GER L/MENG	PR 2 RPM N2 TACH GER L/MENG	CS 5 ATTO PITCH	CS 6 ATTO ROLL
13 22 24	78.	.196	98.	89.	89.	89.	2.869	28.71	78953.	4831.	18962.	2.	-8.
13 22 29	77.	.538	98.	84.	89.	89.	2.879	28.23	78953.	4834.	18486.	2.	-5.
13 22 34	74.	.147	85.	88.	88.	87.	2.886	28.17	78878.	3991.	9893.	1.	-9.
13 22 39	77.	.582	85.	87.	85.	87.	2.882	27.85	78865.	4821.	9822.	2.	-8.
13 22 44	76.	.448	84.	86.	87.	86.	2.897	27.69	78953.	4818.	9858.	3.	-7.
13 22 49	77.	.171	84.	85.	87.	88.	2.889	27.80	78883.	4823.	9888.	2.	-7.
13 22 54	77.	.147	87.	88.	88.	88.	2.882	27.85	78883.	3958.	9822.	1.	-8.
13 22 59	74.	.873	86.	88.	88.	88.	2.885	27.88	78883.	3915.	9843.	2.	-8.
13 23 4	77.	.587	84.	85.	86.	88.	2.888	28.28	78883.	3931.	9922.	2.	-7.
13 23 9	77.	.464	85.	85.	87.	87.	2.886	27.93	79182.	3968.	9858.	2.	-7.
13 23 14	79.	0.088	86.	86.	87.	84.	2.888	28.44	79177.	3931.	9885.	2.	-18.
13 23 19	77.	.171	86.	86.	87.	88.	2.887	28.17	79215.	3948.	9865.	2.	-9.
13 23 24	77.	-.196	87.	88.	87.	90.	2.877	28.33	79028.	3978.	9888.	2.	-7.
13 23 29	77.	.122	88.	87.	87.	85.	2.877	27.93	78883.	3999.	9815.	2.	-8.
13 23 34	78.	1.124	88.	86.	88.	88.	2.893	27.84	78878.	3978.	9865.	3.	-8.
13 23 39	79.	.668	87.	86.	89.	88.	2.891	27.58	78915.	3926.	9743.	2.	-8.
13 23 44	78.	.898	84.	88.	88.	89.	2.897	27.96	79252.	3931.	9879.	3.	-18.
13 23 49	78.	.122	84.	87.	87.	87.	2.895	27.85	79028.	3955.	9829.	2.	-8.
13 23 54	81.	-.391	87.	90.	88.	98.	2.899	27.98	78883.	3976.	9865.	4.	-6.
13 23 59	78.	.367	86.	88.	87.	88.	2.897	28.04	78891.	4884.	9829.	3.	-7.
13 24 4	79.	8.888	89.	88.	88.	90.	2.888	27.90	79182.	3958.	9779.	2.	-18.
13 24 9	79.	.318	87.	87.	90.	88.	2.890	27.72	78392.	3918.	9843.	2.	-9.
13 24 14	78.	.196	98.	88.	88.	89.	2.895	27.74	78654.	3981.	9838.	2.	-7.
13 24 19	79.	.171	88.	89.	90.	88.	2.889	27.85	78841.	3955.	9838.	1.	-8.
13 24 24	83.	-.898	88.	88.	88.	88.	2.889	27.85	78654.	3921.	9888.	1.	-8.
13 24 29	80.	-.244	88.	89.	88.	91.	2.896	27.69	78728.	3974.	9843.	2.	-8.
13 24 34	74.	.391	86.	88.	88.	87.	2.886	27.89	78579.	3999.	9888.	3.	-7.
13 24 39	79.	-.898	86.	86.	87.	88.	2.891	27.55	78841.	3965.	9843.	2.	-8.
13 24 44	79.	.196	88.	88.	88.	88.	2.888	28.12	78953.	3951.	9888.	2.	-8.
13 24 49	79.	.171	87.	87.	88.	88.	2.885	27.98	78953.	3974.	9715.	2.	-8.
13 24 54	77.	.342	87.	87.	89.	90.	2.893	27.98	78878.	3999.	9807.	3.	-6.
13 25 8	76.	.562	86.	87.	89.	89.	2.889	28.81	78878.	4808.	9879.	2.	-6.
13 25 13	73.	0.888	88.	87.	85.	86.	2.882	28.28	79482.	3978.	9751.	2.	-9.
13 25 18	78.	.196	86.	87.	85.	87.	2.888	28.15	79252.	3948.	9779.	2.	-8.
13 25 23	80.	0.888	88.	89.	87.	88.	2.891	28.28	78953.	3978.	9679.	1.	-9.
13 25 28	78.	-.196	87.	87.	87.	88.	2.890	27.98	78766.	3887.	9779.	2.	-8.
13 25 33	74.	1.875	88.	86.	87.	89.	2.895	27.98	78878.	3833.	9708.	2.	-18.
13 25 38	79.	1.851	87.	88.	87.	87.	2.898	28.12	79028.	3882.	9693.	2.	-9.
13 25 43	79.	.587	87.	89.	87.	88.	2.884	28.12	79177.	3970.	9851.	2.	-9.
13 25 48	77.	.147	88.	87.	87.	88.	2.889	27.93	78998.	3958.	9751.	2.	-9.
13 25 53	77.	0.888	85.	88.	88.	88.	2.895	27.96	78953.	3978.	9793.	2.	-7.
13 25 58	76.	.898	88.	88.	88.	87.	2.897	27.93	79182.	3918.	9772.	3.	-7.
13 26 3	79.	-.849	87.	86.	89.	87.	2.888	28.39	79028.	3958.	9708.	2.	-9.
13 26 8	77.	-.587	86.	88.	84.	88.	2.891	28.86	78579.	3978.	9788.	1.	-9.
13 26 13	77.	-.849	88.	89.	85.	89.	2.894	28.25	78618.	3935.	9793.	2.	-6.
13 26 18	76.	.342	84.	88.	86.	85.	2.877	27.88	79482.	3978.	9736.	2.	-8.
13 26 23	76.	.898	85.	88.	87.	87.	2.887	27.63	79327.	3958.	9751.	2.	-8.
13 26 28	74.	.293	84.	88.	85.	92.	2.888	28.17	78654.	4821.	9685.	1.	-9.

TIME H/M/S	PR 30 TEMP SURFAC FWD PART MOVBLE SPIKE	PR 19 AIR BLEED STARTR L/HENG	AF 31 TEMP SKIN MASS WING UPR L/HOUT	AF 32 TEMP SKIN MASS WING UPR L/HIN	1F 33 TEMP SKIN MASS WING UPR R/HOUT	AF 34 TEMP SKIN MASS	PR 4 PRESS ENGINE RATIO L/M	SP 16 VOLTS DC BUSS	AF 5 FLOW FUEL L/HENG	PR 1 M1 TACH GER L/HENG	PR 2 N2 TACH GER L/HENG	CS 5 ATTD PITCH	CS 6 ATTD ROLL
13 26 26	75.	.171	85.	85.	87.	90.	2.889	28.09	78878.	3994.	9736.	2.	-8.
13 26 31	74.	.782	86.	86.	87.	88.	2.854	28.39	79328.	3978.	9651.	1.	-9.
13 26 36	76.	.391	87.	87.	88.	88.	2.866	28.17	79148.	3965.	9693.	1.	-8.
13 26 41	82.	.293	88.	88.	88.	88.	2.886	27.90	78384.	3985.	9679.	1.	-6.
13 26 46	80.	.367	87.	88.	87.	87.	2.891	27.88	78467.	3978.	9786.	2.	-7.
13 49 8	74.	.898	85.	86.	87.	87.	2.891	28.12	78429.	3911.	9679.	3.	-6.
13 49 13	76.	-.196	85.	86.	88.	89.	2.898	28.09	78392.	3948.	9679.	3.	-7.
13 49 18	80.	0.000	84.	86.	84.	88.	2.881	28.28	78878.	3921.	9793.	1.	-7.
13 49 23	81.	.898	84.	86.	85.	87.	2.899	28.09	78841.	3948.	9779.	1.	-7.
13 49 28	82.	.293	79.	86.	85.	86.	2.889	27.53	79482.	3911.	9836.	2.	-6.
13 49 33	81.	.342	82.	85.	86.	88.	2.891	27.85	79327.	3921.	9815.	2.	-7.
13 49 38	80.	.538	86.	88.	87.	88.	2.889	28.06	79182.	3999.	9636.	2.	-7.
13 49 43	84.	.342	84.	87.	85.	86.	2.891	28.15	78841.	3941.	9679.	3.	-6.
13 49 48	80.	.489	83.	84.	84.	88.	2.895	28.33	79476.	3921.	9736.	1.	-5.
13 49 53	82.	.898	85.	87.	84.	88.	2.889	28.89	79327.	3955.	9788.	2.	-6.
13 50 3	80.	-.147	84.	87.	86.	88.	2.893	27.69	78883.	3931.	9950.	2.	-9.
13 50 8	79.	.898	84.	85.	86.	89.	2.895	28.12	78691.	3948.	9879.	2.	-7.
13 50 13	80.	.244	84.	85.	87.	86.	2.886	28.28	78953.	3989.	9779.	3.	-10.
13 50 18	81.	-.367	86.	87.	86.	88.	2.891	28.25	78998.	3931.	9836.	3.	-8.
13 50 23	80.	.293	89.	88.	86.	88.	2.888	27.47	79182.	4838.	9679.	3.	-9.
13 50 28	79.	.196	84.	88.	86.	89.	2.897	27.72	78951.	3945.	9729.	2.	-8.
13 50 33	79.	.269	84.	87.	85.	88.	2.897	27.90	79028.	3931.	9858.	3.	-6.
13 50 38	82.	-.244	86.	89.	86.	86.	2.886	28.17	79476.	3931.	9786.	2.	-6.
13 50 43	78.	.342	86.	88.	85.	87.	2.898	27.96	79328.	3921.	9722.	3.	-8.
13 50 48	80.	-.849	88.	87.	89.	88.	2.889	27.90	78694.	3921.	9793.	2.	-7.
13 50 53	77.	-.824	87.	88.	87.	87.	2.894	28.31	78841.	3955.	9779.	1.	-9.
13 51 4	80.	.220	84.	85.	86.	85.	2.896	27.85	78841.	3911.	9743.	2.	-7.
13 51 9	78.	.587	84.	87.	86.	88.	2.891	28.39	79252.	3960.	9722.	2.	-6.
13 51 14	79.	.196	84.	87.	86.	87.	2.883	28.39	79177.	3960.	9679.	2.	-7.
13 51 19	82.	.342	85.	88.	85.	86.	2.889	28.28	79482.	3931.	9683.	2.	-8.
13 51 24	81.	.873	86.	87.	86.	86.	2.886	28.23	79065.	3931.	9636.	2.	-9.
13 51 29	77.	-.849	83.	87.	84.	87.	2.889	27.69	79328.	3965.	9688.	3.	-7.
14 3 13	78.	0.000	85.	87.	86.	87.	2.885	27.77	79177.	4843.	9843.	3.	-7.
14 3 18	76.	-.898	74.	89.	84.	90.	2.845	28.39	79327.	4582.	10592.	2.	-7.
14 3 23	77.	-.898	79.	88.	86.	87.	2.835	28.68	79589.	4768.	10798.	1.	-7.
14 3 28	75.	-.196	84.	87.	85.	87.	2.885	27.85	79177.	5225.	11447.	3.	-9.
14 3 33	75.	0.000	83.	87.	84.	86.	2.781	27.85	79591.	5317.	11561.	3.	-8.
14 3 38	75.	-.171	84.	87.	84.	86.	2.723	28.39	318.	5949.	12259.	2.	-9.
14 3 43	75.	-.391	84.	86.	85.	86.	2.718	28.28	397.	6086.	12295.	1.	-8.
14 43 48	77.	-.228	84.	88.	88.	90.	2.679	27.63	159.	6363.	12559.	1.	-5.
14 43 53	77.	-.898	85.	86.	87.	88.	2.598	27.89	516.	6782.	12630.	2.	-6.
14 43 58	74.	-.898	85.	84.	85.	88.	2.472	28.60	1112.	7307.	12858.	1.	-8.
14 4 3	75.	.849	84.	84.	86.	87.	2.434	28.06	794.	7414.	12981.	2.	-8.
14 4 8	86.	.929	86.	89.	87.	88.	2.329	27.74	874.	7647.	13115.	1.	-7.
14 4 14	77.	.831	85.	88.	85.	87.	2.293	27.88	951.	7769.	13165.	2.	-8.
14 4 19	77.	.929	84.	87.	86.	88.	2.193	27.74	1112.	7978.	13243.	3.	-8.
14 4 24	77.	.758	86.	88.	85.	88.	2.178	28.15	1438.	8184.	13393.	2.	-8.

TIME H/M/S	PR 30 TEMP SURFAC FNO PART MOVBLE SPIKE	PR 19 AIR BLEED STARTR L/HENG	AF 31 TEMP SKIN MASS WING UPR L/HOUT	AF 32 TEMP SKIN MASS WING UPR L/HIN	AF 33 TEMP SKIN MASS WING UPR L/HOUT	AF 34 TEMP SKIN MASS WING UPR L/HIN	PR 4 PRESS ENGINE RATIO L/H	SP 16 VOLTS DC BUSS	AF 5 FLOW FUEL L/HENG	PR 1 RPM N1 TACH GER L/HENG	PR 2 RPM N2 TACH GER L/HENG	CS 5 ATTO PITCH	CS 6 ATTO ROLL
14 4 29	78.	-147	85.	86.	85.	86.	2.091	28.49	22.4.	8318.	13514.	2.	-7.
14 4 34	78.	.293	85.	88.	87.	87.	2.037	28.28	21.05	8435.	13656.	2.	-8.
14 4 39	74.	.196	84.	84.	85.	87.	1.951	28.06	19.06	8655.	13813.	3.	-8.
14 4 44	74.	.220	84.	85.	85.	87.	1.891	27.82	20.85	8737.	13928.	2.	-8.
14 4 49	80.	.147	85.	91.	88.	87.	1.767	28.60	34.15	9058.	14155.	2.	-4.
14 4 54	76.	.269	84.	89.	90.	86.	1.674	28.39	40.11	9199.	14198.	2.	-4.
14 4 59	77.	.342	84.	90.	87.	91.	1.545	28.06	42.10	9953.	14455.	2.	-5.
14 5 4	77.	.318	84.	89.	87.	89.	1.523	27.96	38.92	9929.	14433.	2.	-7.
14 5 9	75.	0.000	85.	87.	87.	86.	1.536	28.06	39.92	9952.	14435.	2.	-8.
14 5 14	76.	.293	85.	89.	85.	86.	1.531	27.69	39.32	9919.	14403.	2.	-7.
14 5 19	75.	.789	83.	85.	85.	86.	1.501	27.05	38.92	9788.	14540.	3.	-7.
14 5 24	73.	.244	83.	85.	86.	85.	1.512	27.69	36.13	9836.	14548.	3.	-6.
14 5 29	75.	.873	85.	88.	87.	88.	1.520	27.96	41.30	9904.	14540.	2.	-8.
14 5 34	76.	1.711	83.	86.	87.	88.	1.528	27.47	37.33	9797.	14426.	2.	-8.
14 5 39	75.	1.393	82.	85.	86.	87.	1.523	27.39	38.13	9836.	14498.	2.	-7.
14 5 44	75.	.196	82.	86.	86.	87.	1.596	28.23	42.10	9934.	14503.	2.	-5.
14 5 49	76.	.873	84.	87.	86.	89.	1.967	27.98	23.43	9178.	14219.	2.	-6.
14 5 54	77.	-.831	82.	86.	86.	88.	2.038	27.69	7858.	6412.	12245.	2.	-6.
14 5 59	77.	-.611	83.	87.	85.	88.	2.066	27.88	7884.	5215.	11841.	2.	-8.
14 6 4	77.	1.124	84.	86.	86.	86.	2.093	28.06	79177.	4166.	9979.	2.	-8.
14 6 14	78.	-.538	84.	87.	85.	86.	2.086	28.01	78390.	4111.	9943.	2.	-9.
14 6 19	78.	.489	82.	86.	86.	87.	2.054	27.96	78883.	4096.	9893.	2.	-9.
14 6 24	78.	.122	83.	85.	85.	86.	2.062	27.69	78878.	4077.	9930.	2.	-9.
14 6 29	75.	.733	84.	87.	86.	87.	2.089	27.85	79252.	4010.	9979.	2.	-6.
14 6 34	76.	.196	84.	87.	86.	87.	2.094	28.15	79209.	4013.	9888.	1.	-2.
14 6 39	76.	.733	84.	87.	85.	87.	2.081	28.01	78881.	4081.	9793.	1.	2.
14 6 44	77.	.758	85.	87.	79.	88.	2.089	28.17	78691.	3965.	9829.	2.	1.
14 6 49	77.	.538	86.	87.	86.	86.	2.099	27.63	78654.	3968.	9736.	3.	8.
14 6 54	77.	.448	84.	87.	86.	86.	2.099	27.90	78654.	3970.	9765.	3.	-1.
14 6 59	77.	.448	84.	87.	86.	87.	2.093	27.96	79252.	3951.	9736.	2.	3.
14 7 4	78.	-.635	85.	90.	88.	87.	2.093	28.20	78883.	3989.	9750.	2.	1.
14 7 9	78.	-.342	85.	90.	88.	87.	2.095	28.20	78883.	3853.	9893.	3.	-1.
14 7 14	75.	.244	84.	86.	86.	88.	2.084	27.72	78616.	3981.	9907.	3.	-1.
14 7 19	76.	.342	85.	87.	85.	88.	2.081	27.31	78584.	3958.	9922.	3.	-8.
14 7 24	76.	.538	82.	89.	85.	88.	2.078	27.85	78841.	3958.	9879.	3.	-2.
14 7 29	76.	.196	83.	87.	85.	87.	2.083	27.85	78841.	3958.	9879.	2.	-1.
14 7 34	76.	.448	84.	87.	85.	86.	2.093	28.04	79252.	3989.	9743.	2.	-1.
14 7 39	76.	-.873	84.	87.	85.	86.	2.093	27.74	78579.	3958.	9765.	-3.	-1.
14 7 44	78.	.000	85.	88.	86.	87.	2.077	27.74	78883.	3958.	9765.	-1.	-1.
14 7 49	77.	.604	85.	88.	86.	87.	2.078	27.74	78883.	3958.	9765.	-1.	-1.
14 7 54	76.	-.331	83.	86.	86.	87.	2.084	28.01	79177.	3989.	9693.	1.	1.
14 7 59	75.	.873	83.	86.	87.	86.	2.085	28.23	78915.	3929.	9729.	1.	-1.
14 8 4	75.	.147	87.	87.	87.	86.	2.088	27.74	78953.	3948.	9958.	2.	1.
14 8 9	75.	.342	85.	87.	86.	87.	2.091	27.74	79102.	3965.	9988.	2.	-8.
14 8 14	78.	1.328	85.	89.	88.	89.	2.095	28.49	78654.	4047.	9765.	1.	1.
14 8 19	76.	.507	82.	87.	87.	88.	2.088	28.31	78915.	4062.	9888.	1.	2.
14 8 24	76.	-.293	84.	86.	87.	88.	2.097	28.06	78878.	4047.	9765.	1.	2.
14 8 29	77.	.122	85.	88.	86.	88.	2.091	28.09	78874.	4013.	9865.	2.	1.
14 8 34	75.	.244	85.	90.	86.	90.	2.095	28.23	78953.	3989.	9722.	2.	-1.

TIME	PR 30	PR 19	AF 31	AF 32	AF 33	AF 34	PR 4	SP 16	AF 5	PR 1	PR 2	CS 5	CS 6
H/M/S	TEMP	AIR	TEMP	TEMP	TEMP	TEMP	PRESS	VOLTS	FLOW	RPM	RPM	ATTIO	ATTIO
15	SURFAC	BLEED	SKIN	SKIN	SKIN	SKIN	ENGINE	DC	L/HENG	NI	N2	PITCH	ROLL
	FWD	STARTR	MASS	MASS	MASS	MASS	L/H	BUSS	L/HENG	TACH	TACH		
	PAST	L/HENG	WING	WING	WING	WING				GER	GER		
	MOVABLE		UPR	UPR	JPR	JPR				L/HENG	L/HENG		
	SPIKE		L/HOUT	L/HIN	R/HOUT								
14 18 4	75.	.464	84.	88.	85.	88.	2.890	27.93	78766.	3979.	9850.	2.	-1.
14 18 4	76.	.049	82.	86.	84.	85.	2.889	28.23	79252.	4009.	9679.	1.	1.
14 18 9	76.	.293	87.	87.	85.	86.	2.889	27.74	78953.	3945.	9772.	2.	-.
14 18 14	76.	.049	87.	90.	91.	90.	2.893	27.90	78953.	4067.	9751.	1.	1.
14 18 19	76.	.147	86.	89.	90.	89.	2.893	28.20	79102.	4057.	9751.	1.	0.
14 32 7	76.	.342	88.	84.	85.	74.	2.967	28.60	78803.	3366.	8696.	3.	11.
14 32 13	76.	.244	85.	86.	86.	81.	2.973	27.50	78504.	1282.	6308.	3.	4.
14 32 18	74.	.293	84.	84.	85.	86.	2.980	27.10	77305.	1012.	2765.	1.	2.
14 32 23	74.	-.244	84.	86.	86.	86.	2.984	26.83	78055.	821.	2131.	2.	0.
14 32 28	74.	-.098	84.	86.	84.	86.	2.972	26.56	78289.	559.	211.	1.	1.
14 32 33	75.	0.000	84.	86.	85.	86.	2.972	26.16	78392.	452.	11.	1.	1.
14 32 39	75.	1.173	84.	86.	85.	87.	2.977	26.67	78280.	350.	57.	2.	0.
14 32 44	75.	.587	84.	87.	85.	87.	2.989	26.34	78280.	326.	64.	2.	0.
14 32 49	76.	0.000	84.	86.	85.	87.	2.989	27.69	77331.	214.	120.	1.	0.
14 32 54	76.	-.587	84.	86.	85.	86.	2.989	27.53	78317.	156.	121.	2.	-.
14 32 59	76.	.978	84.	86.	86.	86.	2.987	28.28	78205.	39.	143.	2.	-1.
14 33 4	76.	.904	84.	88.	85.	87.	2.987	28.12	78354.	78.	86.	2.	1.
14 33 9	75.	-.440	85.	86.	86.	86.	2.978	28.49	78425.	58.	43.	1.	1.
14 33 14	75.	-.122	86.	87.	87.	87.	2.982	28.59	78244.	54.	29.	1.	1.

C COMMUTATOR

TIME H/N/S	CS ANGLE OF ATTACK (TRUE)	AF TEMP FUEL TRAP TANK BTM CENTR	AF PRESS AIR COOLER OUTLET L/MENG	EC UPSTRM OF MATR S PY255- PY256	EC PRES CABIN FLOW SUPPLY	EC 37 FLOPRM FMDTRM OF EQ BAY PY101- PY102	EC 114 TEMP EMERCY GERRR COOLING EXIT	AF 26 TEMP AIR INLET OIL COOLER L/MENG	PR 17 TEMP AIR BLEED TO K/M STARTR	SP 13 TEMP HYD OIL INLET COOLER F/M	SP 14 TEMP HYD OIL OUTLET COOLER R/M	SP 15 FREQ AC GEN L/MENG	EC 66 TEMP AIR DMMSTR OF ANTI ICE VL
13 1 1	24.60	79.1	1.	.024	-.186	-.024	.08.	.05.	118.	.04.	.02.	400.	.04.
13 1 12	24.76	79.4	8.	.022	-.174	-.056	.07.	.06.	112.	.07.	.03.	400.	.04.
13 1 17	24.78	79.1	8.	.024	-.127	-.015	.06.	.06.	111.	.05.	.01.	400.	.03.
13 1 22	11.68	79.7	8.	.037	-.132	-.017	.07.	.06.	111.	.04.	.02.	400.	.03.
13 1 27	-1.20	79.7	8.	.049	-.200	-.005	.07.	.07.	112.	.05.	.02.	400.	.05.
13 1 32	-1.25	80.1	-8.	.028	-.210	-.024	.07.	.07.	111.	.05.	.03.	400.	.04.
13 1 38	-1.37	79.7	-2.	.029	-.220	-.003	.07.	.05.	111.	.04.	.05.	400.	.04.
13 1 40	-1.15	80.1	-8.	.054	-.213	-.042	.07.	.05.	110.	.04.	.04.	400.	.04.
13 1 48	-1.22	78.1	-2.	.049	-.205	-.056	.06.	.05.	101.	.04.	.04.	400.	.04.
13 1 53	-1.25	79.7	-2.	.055	-.176	-.029	.06.	.06.	115.	.05.	.03.	400.	.04.
13 1 58	-1.38	80.4	-1.	.029	-.235	-.024	.06.	.05.	112.	.04.	.02.	400.	.04.
13 2 3	-1.40	81.7	-6.	.022	-.235	-.022	.07.	.05.	111.	.04.	.02.	400.	.04.
13 2 8	-1.62	80.1	-3.	.029	-.254	-.029	.06.	.06.	114.	.05.	.02.	400.	.04.
13 2 13	-1.28	78.4	8.	.039	-.249	-.022	.07.	.06.	112.	.05.	.03.	400.	.04.
13 2 18	-1.25	79.7	-1.	.020	-.264	-.039	.07.	.06.	111.	.05.	.04.	400.	.05.
13 2 23	-1.25	79.7	-1.	.039	-.257	-.032	.07.	.05.	119.	.05.	.02.	400.	.05.
13 4 6	-1.38	78.1	-1.	.249	-.254	1.329	.06.	.08.	207.	.05.	.02.	400.	.05.
13 4 11	-1.45	78.4	-8.	.249	-.269	1.312	.06.	.08.	227.	.05.	.02.	400.	.07.
13 4 16	-1.37	79.7	8.	.459	-.293	1.266	.07.	.05.	233.	.04.	.01.	400.	.08.
13 4 21	-1.55	79.7	-1.	.203	-.315	.623	.07.	.07.	235.	.06.	.02.	400.	.105.
13 4 26	-1.35	79.7	-8.	.044	-.290	-.020	.06.	.08.	229.	.06.	.03.	400.	.105.
13 4 31	-1.32	80.4	-1.	.037	-.310	-.022	.07.	.06.	234.	.04.	.04.	400.	.118.
13 4 44	-1.85	80.4	-1.	.054	-.290	-.010	.08.	.06.	294.	.04.	.04.	400.	.109.
13 4 47	-1.65	79.7	-1.	.064	-.305	-.037	.07.	.05.	309.	.04.	.03.	400.	.106.
13 4 52	-1.25	79.1	8.	.059	-.323	-.054	.06.	.06.	332.	.05.	.05.	400.	.107.
13 4 55	-1.27	79.4	-1.	.039	-.320	-.027	.06.	.06.	331.	.05.	.06.	400.	.115.
13 5 2	-1.25	77.8	-1.	.049	-.303	-.020	.06.	.05.	342.	.04.	.02.	400.	.115.
13 5 7	-1.17	78.4	-2.	.044	-.308	-.010	.07.	.05.	344.	.05.	.04.	400.	.113.
13 5 12	-1.42	76.1	-1.	.744	-.293	-.029	.07.	.06.	345.	.06.	.06.	400.	.107.
13 5 17	-1.42	79.1	0.	.010	-.300	-.020	.06.	.05.	337.	.06.	.05.	400.	.103.
13 5 22	-1.40	80.1	0.	.022	-.300	-.056	.06.	.06.	328.	.07.	.05.	400.	.104.
13 5 27	-1.30	80.4	0.	.005	-.327	-.039	.06.	.04.	316.	.07.	.04.	400.	.09.
13 5 32	-1.57	80.1	-1.	.012	-.325	-.042	.06.	.05.	305.	.08.	.06.	400.	.08.
13 5 37	-1.58	79.1	0.	.024	-.300	-.039	.06.	.05.	301.	.08.	.07.	400.	.07.
13 5 42	-1.42	79.4	0.	.081	-.330	.410	.06.	.06.	296.	.09.	.06.	400.	.07.
13 5 47	-1.40	80.4	1.	.200	-.313	1.046	.06.	.06.	293.	.09.	.05.	400.	.09.
13 5 52	-1.32	79.7	-8.	.176	-.313	.748	.07.	.04.	307.	.08.	.08.	400.	.09.
13 5 57	-1.58	84.3	0.	.205	-.308	.520	.07.	.05.	281.	.09.	.08.	400.	.07.
13 6 7	-1.37	82.8	-8.	.244	-.315	.558	.07.	.05.	269.	.09.	.08.	400.	.06.
13 6 12	-1.30	81.0	0.	.166	-.313	.239	.04.	.04.	284.	.07.	.04.	400.	.05.
13 6 17	-1.32	81.0	-8.	.164	-.308	.318	.04.	.05.	286.	.05.	.05.	400.	.05.
13 6 17	-1.31	78.4	0.	.196	-.342	.386	.06.	.06.	280.	.07.	.03.	400.	.09.

TIME H/M/S	CS 7 ANGLE OF ATTACK (TRUE)	AF 6 TEMP FUEL TRAP BTM CENTR	AF 29 PRESS AIR COOLER OUTLET L/HENG	EC 31 UPSTRM OF WATR S PY255 PY256	EC 34 PRES CABIN FLOW SUPPLY	EC 37 FLOPR FWDTRM OF EQ BAY PY101- PY102	EC 114 TEMP ENERGY GEARTR COOLNG EXIT	AF 26 TEMP AIR INLET OIL COOLER L/HENG	PR 17 TEMP AIR BLEED TO R/H STANTR	SP 13 TEMP HYD OIL INLET COOLER R/H	SP 14 TEMP HYD OIL OUTLET COOLER R/H	SP 15 FREQ AC GEN L/HENG	EC 66 TEMP AIR DINSTR OF ANTI ICE VL
13 6 22	-1.42	77.8	0.	.213	-.347	.396	88.	86.	289.	112.	98.	400.	89.
13 6 27	-1.40	80.9	0.	.235	-.301	.401	83.	85.	305.	73.	82.	400.	90.
13 6 37	-1.48	85.3	-0.	.225	-.376	.411	83.	85.	306.	78.	83.	400.	91.
13 6 42	-1.35	81.0	-1.	.176	-.367	.435	87.	86.	310.	51.	85.	400.	94.
13 6 47	-1.37	80.1	-3.	.191	-.374	.430	88.	86.	312.	96.	86.	400.	94.
13 6 47	-1.45	77.8	-1.	.191	-.367	.420	84.	85.	305.	111.	96.	400.	88.
13 6 52	-1.32	78.4	-2.	.106	-.362	.413	84.	86.	307.	109.	93.	400.	87.
13 6 57	-1.35	73.8	0.	.496	-.376	.533	84.	86.	324.	84.	86.	402.	89.
13 7 2	-1.27	77.8	1.	.496	-.379	.814	85.	85.	341.	79.	84.	402.	87.
13 7 7	-1.40	73.8	-3.	.448	-.352	1.103	79.	85.	305.	108.	91.	400.	87.
13 7 12	-1.48	75.5	-2.	.459	-.249	.312	82.	85.	398.	107.	92.	401.	89.
13 7 18	-1.25	76.5	-2.	.684	-.898	.440	84.	85.	440.	125.	95.	400.	84.
13 7 23	-1.22	77.8	-1.	.958	-.106	.415	84.	85.	458.	118.	96.	401.	85.
13 7 33	-1.65	79.1	-2.	.958	-.507	.401	86.	86.	497.	88.	79.	400.	86.
13 7 33	-1.45	79.4	-1.	.858	-.635	.369	83.	86.	498.	82.	85.	401.	85.
13 7 38	-1.40	81.5	-2.	.411	-.528	.208	81.	86.	511.	66.	94.	401.	78.
13 7 43	-1.35	79.1	-0.	.396	-.274	.238	83.	86.	503.	183.	99.	400.	82.
13 7 43	-1.35	79.1	12.	.458	-.878	.249	82.	86.	505.	57.	99.	400.	84.
13 7 53	-1.25	78.7	18.	.479	-.808	.239	86.	86.	506.	186.	188.	400.	87.
13 7 58	-1.45	81.0	25.	.518	-.183	.308	84.	86.	510.	85.	91.	400.	84.
13 8 3	-1.42	79.1	29.	.521	-.115	.320	87.	86.	507.	111.	97.	401.	87.
13 8 8	-1.70	82.3	49.	.516	-.137	.376	86.	87.	511.	97.	93.	400.	86.
13 8 13	-1.47	79.4	53.	.547	-.137	.374	86.	87.	505.	113.	99.	400.	88.
13 8 18	-1.20	80.4	59.	.824	-.362	.156	90.	91.	468.	127.	105.	399.	84.
13 8 28	-1.30	88.7	59.	.159	-.327	.225	87.	91.	443.	186.	99.	400.	85.
13 8 33	-1.32	79.7	63.	.455	-.347	.301	83.	91.	401.	95.	93.	401.	94.
13 8 43	-1.30	76.8	61.	.284	-.332	.393	85.	91.	394.	55.	95.	401.	104.
13 8 43	-1.35	78.1	60.	.288	-.342	.503	91.	91.	373.	115.	95.	401.	125.
13 8 48	-1.45	81.7	68.	.288	-.352	.491	89.	92.	367.	119.	97.	401.	120.
13 8 53	-1.47	83.3	60.	.327	-.383	.401	86.	93.	368.	93.	87.	401.	133.
13 8 58	-1.25	79.1	61.	.347	-.385	.384	86.	92.	356.	91.	94.	400.	135.
13 9 13	-1.22	79.1	61.	.388	-.288	.367	88.	95.	351.	100.	94.	400.	146.
13 9 18	-1.50	79.1	58.	.396	-.238	.352	89.	95.	348.	108.	94.	400.	140.
13 9 23	-1.47	79.7	52.	.386	-.249	.364	86.	93.	352.	112.	95.	400.	150.
13 9 28	-1.25	78.4	60.	.381	-.279	.386	88.	94.	346.	117.	94.	400.	152.
13 9 28	-1.26	78.7	62.	.362	-.264	.374	87.	91.	339.	110.	93.	400.	158.
13 9 33	-1.35	75.2	59.	.367	-.254	.352	84.	95.	336.	116.	93.	400.	159.
13 9 33	-1.37	77.4	59.	.376	-.254	.349	85.	94.	331.	104.	93.	401.	164.
13 9 38	-1.65	81.0	60.	.367	-.288	.352	87.	91.	329.	107.	97.	400.	164.
13 9 43	-1.52	78.1	57.	.367	-.281	.349	87.	90.	329.	117.	94.	400.	167.
13 9 48	-1.10	78.4	54.	.386	-.264	.327	80.	97.	325.	110.	95.	400.	169.
13 9 53	-1.27	79.1	55.	.376	-.252	.354	86.	97.	326.	114.	95.	400.	170.
13 10 4	-1.50	79.1	61.	.386	-.259	.352	88.	92.	327.	112.	94.	400.	171.
13 10 9	-1.48	79.1	57.	.406	-.266	.359	88.	94.	326.	115.	95.	400.	171.
13 10 9	-1.45	79.1	57.	.430	-.254	.347	87.	90.	326.	119.	92.	400.	175.
13 10 22	-1.47	78.7	56.	.486	-.244	.364	87.	90.	329.	113.	94.	400.	175.
13 10 19	-1.40	81.0	57.	.391	-.196	.352	88.	92.	324.	112.	95.	400.	176.
13 10 24	-1.30	77.4	57.	.396	-.213	.266	88.	91.	324.	113.	94.	400.	177.

TIME M/M/S	CS 7 ANGLE OF ATTACK (TRUE)	AF 6 TEMP FUEL TANK BTM CENTR	AF 29 PRESS AIR COOLER OUTLET L/HENG	EC 31 UPSTRM OF WATR S PY255- PY256	EC 34 PRES JABIN FLOW SUPPLY	EC 37 FLOWPR FNDTRN EQ BAY PY181- PY182	EC 114 TEMP EMERCY GERRTR COOLNG EXIT	AF 26 TEMP AIR INLET OIL COOLER L/HENG	PR 17 TEMP AIR BLEED TO R/M STARTR	SP 13 TEMP HYD CIL INLET COOLER R/M	SP 14 TEMP HYD OIL OUTLET COOLER R/M	SP 15 FREQ AC GEN L/HENG	EC 66 TEMP AIR DMSTR OF ANTI ICE VL
13 10 29	-1.20	77.1	56.	.458	-.244	.376	86.	93.	327.	100.	91.	400.	100.
13 10 34	-1.25	75.5	57.	.438	-.232	.352	85.	94.	326.	100.	92.	400.	181.
13 10 39	-1.55	79.7	59.	.448	-.203	.371	86.	93.	325.	105.	93.	400.	182.
13 10 44	-1.47	79.4	59.	.423	-.259	.367	86.	95.	323.	112.	95.	400.	182.
13 10 49	-1.50	77.8	59.	.428	-.228	.371	86.	94.	320.	124.	97.	400.	180.
13 10 54	-1.40	78.7	58.	.408	-.222	.364	86.	93.	319.	120.	98.	400.	181.
13 11 43	-1.36	79.1	58.	.635	.254	.396	85.	100.	364.	119.	95.	400.	193.
13 11 48	-1.36	78.1	60.	.623	.303	.401	87.	90.	371.	113.	95.	400.	193.
13 11 58	-1.10	80.4	58.	.608	.458	.406	87.	97.	401.	119.	97.	400.	196.
13 12 3	-1.30	81.8	58.	.607	.499	.393	86.	94.	400.	114.	95.	400.	196.
13 12 7	-1.55	79.1	58.	.831	.604	.376	88.	94.	432.	121.	95.	400.	197.
13 12 8	-1.42	78.4	59.	.819	.639	.362	86.	93.	430.	126.	96.	400.	190.
13 12 13	-1.40	83.8	59.	.518	.499	.274	85.	105.	450.	111.	97.	400.	201.
13 12 16	-1.50	81.4	57.	.491	.408	.242	87.	101.	459.	116.	90.	400.	201.
13 12 20	-1.25	81.8	60.	.391	.235	.230	86.	97.	478.	114.	94.	400.	207.
13 12 33	-1.25	81.7	59.	.437	.222	.252	86.	102.	481.	114.	97.	400.	208.
13 12 38	-1.40	80.8	56.	.528	.225	.208	86.	100.	479.	119.	99.	400.	200.
13 12 38	-1.57	80.1	58.	.444	.257	.206	82.	102.	489.	116.	98.	400.	211.
13 12 43	-1.60	77.8	62.	.572	.218	.308	89.	94.	490.	120.	101.	400.	214.
13 12 48	-1.50	81.8	61.	.525	.203	.315	87.	99.	498.	121.	101.	400.	214.
13 12 50	-1.30	84.3	58.	.596	.279	.357	86.	100.	502.	114.	97.	400.	210.
13 12 58	-1.20	83.8	58.	.534	.254	.362	86.	107.	501.	115.	97.	400.	221.
13 13 3	-1.60	79.7	60.	.468	.215	.396	88.	101.	494.	127.	99.	400.	222.
13 13 9	-1.55	79.7	57.	.528	.205	.384	88.	99.	496.	125.	99.	400.	225.
13 13 14	-1.45	79.7	61.	.508	.181	.362	90.	101.	493.	127.	101.	400.	226.
13 13 19	-1.65	80.4	59.	.499	.183	.362	89.	102.	493.	126.	102.	400.	229.
13 13 24	-1.45	80.3	58.	.342	.176	.371	87.	105.	489.	114.	98.	400.	236.
13 13 29	-1.40	83.8	60.	.332	.171	.349	87.	107.	493.	116.	103.	400.	237.
13 13 39	-1.50	82.8	60.	.298	.093	.347	87.	110.	494.	121.	101.	400.	248.
13 13 44	-1.45	81.8	58.	.354	.085	.352	87.	106.	493.	122.	101.	400.	242.
13 13 49	-1.47	79.7	56.	.396	.137	.383	88.	103.	494.	126.	101.	400.	244.
13 13 54	-1.25	80.4	56.	.592	.201	.406	88.	103.	492.	127.	103.	400.	244.
13 13 59	-1.35	80.4	56.	.518	.191	.354	87.	106.	493.	128.	103.	400.	247.
13 14 4	-1.60	81.8	57.	.543	.142	.383	87.	114.	500.	119.	98.	400.	250.
13 14 9	-1.50	81.4	59.	.521	.147	.385	88.	113.	490.	122.	99.	400.	252.
13 14 14	-1.40	80.4	60.	.533	.127	.385	93.	109.	494.	121.	103.	400.	252.
13 14 19	-1.45	80.1	59.	.472	.330	.369	91.	106.	492.	111.	103.	400.	252.
13 14 24	-1.30	77.1	56.	.308	.391	.362	89.	104.	493.	130.	105.	400.	257.
13 14 34	-1.20	77.8	58.	.244	.359	.335	89.	105.	497.	132.	103.	400.	250.
13 14 39	-1.20	83.8	57.	.244	.264	.303	87.	117.	498.	116.	108.	400.	261.
13 14 44	-1.92	80.1	60.	.222	.254	.303	88.	112.	495.	122.	102.	400.	261.
13 14 49	-1.40	79.1	65.	.318	.010	.215	87.	114.	498.	118.	99.	400.	268.
13 14 54	-1.50	79.1	66.	.362	.114	.212	87.	111.	496.	122.	99.	400.	263.
13 15 4	-1.20	78.4	63.	.11	.117	.310	80.	106.	498.	132.	103.	400.	267.
13 15 4	-1.22	78.4	66.	.459	.056	.318	89.	111.	495.	132.	104.	400.	260.
13 15 9	-1.60	83.8	67.	.357	.078	.280	86.	128.	497.	119.	99.	400.	271.
13 15 14	-1.37	84.8	60.	.301	.062	.293	88.	118.	498.	115.	99.	400.	271.
13 15 19	-1.40	80.4	69.	.499	.005	.203	88.	113.	497.	126.	102.	400.	273.

TIME H/M/S	CS ANGLE OF ATTACK (TRUE)	AF 6 FUEL TRAP TANK 8TH CENTR	AF 29 PRESS AIR COOLER OUTLET L/HENG	EG 34 PRES CABIN FLOW SUPPLY	EG 37 FLOWTR FMDTRN OF EQ BAY PY1B1- PY1B2	EG 114 TEMP EMERCY CERRTR COOLNG EXIT	AF 26 TEMP AIR INLET OIL COOLER L/HENG	PR 17 TEMP AIR BLEED TO R/H STARTR	SP 13 TEMP HYD OIL INLET COOLER R/H	SP 14 TEMP HYD OIL OUTLET COOLER R/H	SP 15 FREQ AC GEN L/HENG	EG 66 TEMP AIR OHMSTR OF ANTI ICE V/L
13 15 19	-1.42	79.7	66.	-0.02	.318	80.	115.	499.	127.	101.	400.	274.
13 15 24	-1.60	81.8	70.	-0.04	.323	90.	114.	494.	126.	101.	400.	277.
13 15 29	-1.45	82.8	73.	-0.04	.323	89.	112.	500.	123.	101.	400.	279.
13 15 34	-1.45	79.1	73.	-0.03	.332	90.	116.	489.	127.	102.	400.	283.
13 15 39	-1.32	79.4	75.	-0.05	.337	80.	117.	494.	125.	102.	400.	284.
13 15 44	-1.66	82.3	76.	-0.11	.352	87.	116.	501.	119.	97.	400.	285.
13 15 50	-1.27	82.8	76.	-0.06	.402	87.	118.	501.	120.	98.	400.	282.
13 15 55	-1.58	81.7	78.	-0.19	.367	87.	117.	490.	123.	102.	400.	289.
13 16 0	-1.45	82.8	78.	-0.15	.349	87.	116.	500.	121.	101.	400.	289.
13 16 5	-1.46	80.4	80.	-0.04	.313	80.	114.	501.	127.	103.	400.	289.
13 16 10	-1.47	79.7	84.	-0.04	.303	89.	115.	501.	128.	103.	400.	288.
13 16 15	-1.28	81.8	83.	-0.12	.300	80.	112.	494.	124.	105.	400.	289.
13 16 20	-1.18	79.7	84.	-0.24	.362	89.	112.	490.	120.	105.	400.	289.
13 16 25	-1.20	82.3	82.	-0.37	.362	87.	119.	501.	119.	102.	400.	292.
13 16 30	-1.35	82.8	83.	-0.31	.338	80.	115.	490.	123.	102.	400.	291.
13 16 35	-1.35	79.1	85.	-0.29	.298	90.	117.	490.	132.	102.	400.	293.
13 16 40	-1.37	80.4	87.	-0.24	.293	89.	114.	500.	130.	101.	400.	294.
13 16 45	-1.60	80.4	89.	-0.29	.215	90.	115.	489.	134.	106.	400.	292.
13 16 50	-1.57	83.8	90.	-0.30	.352	89.	116.	489.	126.	103.	400.	295.
13 16 55	-1.10	81.7	91.	-0.73	.342	80.	120.	505.	119.	101.	400.	300.
13 17 0	-1.28	82.7	89.	-0.01	.323	80.	119.	501.	110.	101.	400.	300.
13 17 5	-1.65	79.1	90.	-0.28	.308	91.	114.	497.	134.	106.	400.	295.
13 17 10	-1.55	79.7	89.	-0.32	.333	90.	116.	490.	132.	106.	400.	299.
13 17 15	-1.46	82.3	89.	-0.78	.337	87.	112.	496.	116.	102.	400.	300.
13 17 20	-1.48	83.7	89.	-0.82	.347	80.	115.	493.	110.	101.	400.	302.
13 17 25	-1.38	85.6	90.	-0.03	.362	80.	117.	490.	115.	102.	400.	303.
13 17 30	-1.47	83.3	90.	-0.71	.354	80.	119.	490.	126.	99.	400.	303.
13 17 35	-1.25	84.3	92.	-0.78	.308	87.	122.	501.	110.	101.	400.	305.
13 17 40	-1.25	83.7	92.	-0.66	.318	87.	118.	500.	110.	101.	400.	306.
13 17 45	-1.68	82.3	90.	-0.42	.430	87.	121.	490.	128.	101.	400.	307.
13 17 50	-1.50	83.3	90.	-0.66	.501	80.	121.	502.	125.	100.	400.	307.
13 17 55	-1.55	81.8	90.	-0.17	.333	80.	110.	500.	131.	103.	400.	299.
13 18 0	-1.47	79.1	86.	-0.05	.337	89.	113.	501.	131.	105.	400.	302.
13 18 5	-1.78	79.7	90.	-0.08	.327	90.	110.	499.	134.	103.	400.	305.
13 18 10	-1.57	79.7	90.	-0.08	.338	84.	115.	493.	135.	104.	400.	306.
13 18 15	-1.30	82.3	90.	-0.01	.445	87.	121.	501.	121.	95.	400.	310.
13 18 20	-1.27	80.7	90.	-0.45	.426	87.	123.	500.	121.	99.	400.	309.
13 18 25	-1.55	79.7	89.	-0.37	.342	90.	116.	497.	132.	100.	400.	304.
13 18 30	-1.42	81.4	89.	-0.28	.327	89.	117.	494.	127.	104.	400.	306.
13 18 35	-1.25	79.1	87.	-0.28	.269	80.	116.	479.	127.	106.	400.	305.
13 18 40	-1.16	79.4	90.	-0.22	.291	80.	116.	496.	127.	106.	400.	306.
13 18 45	-1.35	79.1	93.	-0.08	.200	89.	120.	500.	121.	100.	400.	309.
13 18 50	-1.47	80.4	90.	-0.37	.347	80.	122.	500.	124.	102.	400.	307.
13 18 55	-1.25	82.3	90.	-0.35	.508	80.	116.	497.	127.	103.	400.	304.
13 19 0	-1.95	81.7	89.	-0.22	.579	80.	114.	497.	120.	105.	400.	304.
13 19 5	-1.35	79.7	87.	-0.32	.445	90.	116.	501.	130.	104.	400.	305.
13 19 10	-1.35	79.4	89.	-0.10	.310	90.	116.	501.	130.	104.	400.	306.
13 19 15	-1.48	81.8	86.	-0.44	.244	80.	115.	490.	132.	105.	400.	307.
13 19 20	-1.37	81.8	85.	-0.02	.249	80.	116.	493.	135.	105.	400.	309.

TIME H/M/S	CS 7 ANGLE OF ATTACK (TRUE)	AF 6 TEMP FUEL TRAP TANK 8TH CENTR	AF 29 PRESS AIR COOLER OUTLET L/HENG	EC 31 UPSTRM OF WATR S PY255- PY256	EC 34 PRES ABIN FLOW SUPPLY	EC 37 FLOPRM FMDTRM OF EQ JAY PY101- PY102	EC 114 TEMP EMERG GERTR COOLNG EXIT	AF 26 TEMP AIR INLET OIL COOLER L/HENG	PR 17 TEMP AIR BLEED TO R/H STARTR	SP 13 TEMP HYD OIL INLET COOLER R/H	SP 14 TEMP HYD OIL OUTLET COOLER R/H	SP 15 FREQ AC GEN L/HENG	EC 66 TEMP AIR DMSTR OF ANTI ICE VL
13 22 24	-1.50	81.8	85.	.181	-.274	.264	98.	115.	455.	136.	185.	399.	387.
13 22 29	-1.50	81.4	86.	.242	-.313	.349	89.	116.	392.	133.	185.	399.	297.
13 22 34	-1.20	82.3	86.	.303	-.313	.391	89.	123.	334.	124.	180.	400.	200.
13 22 39	-1.20	88.1	86.	.385	-.325	.411	89.	119.	331.	130.	183.	400.	286.
13 22 44	-1.65	83.7	88.	.323	-.357	.448	89.	123.	330.	121.	181.	400.	285.
13 22 49	-1.47	83.8	87.	.305	-.347	.448	89.	122.	329.	124.	181.	400.	284.
13 22 54	-1.20	83.7	85.	.293	-.332	.445	88.	119.	325.	119.	181.	400.	283.
13 22 59	-1.35	83.8	86.	.318	-.327	.428	88.	120.	327.	128.	181.	400.	280.
13 23 4	-1.85	82.3	84.	.293	-.383	.448	88.	123.	326.	119.	180.	400.	278.
13 23 9	-1.62	81.8	87.	.318	-.335	.433	89.	119.	322.	127.	183.	400.	279.
13 23 14	-1.25	81.7	84.	.269	-.303	.459	96.	116.	324.	134.	186.	400.	281.
13 23 19	-1.25	82.7	83.	.286	-.318	.464	89.	119.	324.	129.	185.	400.	283.
13 23 24	-1.20	82.3	87.	.327	-.391	.448	88.	119.	325.	116.	182.	400.	282.
13 23 29	-1.15	81.4	86.	.318	-.371	.450	88.	120.	326.	116.	181.	400.	280.
13 23 34	-1.50	84.3	87.	.313	-.342	.481	88.	114.	325.	119.	183.	400.	278.
13 23 39	-1.45	83.3	85.	.328	-.352	.445	87.	119.	324.	116.	180.	400.	280.
13 23 44	-1.38	83.8	84.	.274	-.347	.445	88.	119.	326.	123.	182.	400.	276.
13 23 49	-1.58	82.3	87.	.296	-.335	.428	88.	113.	322.	132.	180.	400.	276.
13 23 54	-1.05	78.4	88.	.200	-.303	.438	89.	118.	324.	127.	180.	400.	273.
13 23 59	-1.72	81.8	89.	.291	-.388	.481	88.	113.	320.	126.	183.	400.	271.
13 24 4	-1.20	83.8	88.	.337	-.323	.481	89.	116.	321.	127.	184.	400.	272.
13 24 9	-1.35	81.7	86.	.313	-.342	.423	89.	114.	319.	134.	185.	400.	271.
13 24 14	-1.65	78.4	84.	.203	-.290	.420	90.	114.	319.	134.	185.	400.	269.
13 24 19	-1.42	81.4	84.	.305	-.318	.415	90.	112.	318.	134.	185.	400.	274.
13 24 24	-1.20	81.8	82.	.332	-.327	.481	89.	113.	321.	111.	99.	400.	271.
13 24 29	-1.35	79.7	85.	.293	-.335	.435	88.	119.	322.	123.	183.	400.	268.
13 24 34	-1.48	83.8	84.	.313	-.310	.423	88.	111.	321.	130.	183.	400.	267.
13 24 39	-1.37	81.4	86.	.269	-.383	.447	90.	114.	321.	137.	184.	400.	268.
13 24 44	-1.17	79.7	87.	.281	-.318	.486	89.	114.	317.	121.	181.	400.	268.
13 24 49	-1.65	84.3	85.	.337	-.352	.425	86.	119.	319.	122.	182.	400.	268.
13 25 4	-1.55	83.8	86.	.340	-.354	.425	88.	122.	326.	125.	180.	400.	268.
13 25 9	-1.20	82.3	86.	.279	-.380	.425	88.	122.	324.	123.	180.	400.	265.
13 25 14	-1.25	83.3	86.	.283	-.305	.432	87.	112.	319.	127.	184.	400.	268.
13 25 19	-1.35	83.7	86.	.264	-.327	.481	88.	117.	319.	128.	183.	400.	278.
13 25 24	-1.47	82.8	85.	.279	-.342	.432	88.	119.	319.	111.	186.	400.	268.
13 25 29	-1.25	79.1	86.	.308	-.313	.486	88.	116.	320.	128.	180.	400.	263.
13 25 34	-1.22	79.1	86.	.310	-.328	.418	89.	116.	320.	134.	114.	400.	263.
13 25 39	-1.35	79.1	88.	.352	-.337	.430	88.	119.	322.	133.	113.	400.	265.
13 25 44	-1.37	80.1	87.	.330	-.337	.466	88.	118.	322.	129.	186.	400.	264.
13 25 49	-1.30	83.7	84.	.247	-.327	.467	87.	114.	321.	137.	186.	400.	267.
13 25 54	-1.32	81.8	84.	.283	-.315	.489	88.	119.	321.	133.	186.	400.	266.
13 25 59	-1.85	84.3	86.	.291	-.352	.411	87.	117.	320.	144.	189.	400.	261.
13 26 4	-1.60	81.7	84.	.293	-.313	.462	89.	117.	321.	138.	187.	400.	262.
13 26 9	-1.45	82.8	84.	.318	-.332	.483	88.	121.	321.	131.	187.	400.	261.
13 26 14	-1.48	83.8	89.	.318	-.347	.486	85.	120.	321.	123.	113.	396.	261.
13 26 19	-1.32	83.7	87.	.315	-.345	.484	90.	118.	319.	142.	121.	400.	288.
13 26 24	-1.25	79.1	90.	.342	-.332	.411	90.	118.	319.	142.	121.	400.	288.

TIME N/W/S	CS 7 ANGLE OF ATTACK (TRUE)	AF 6 TEMP FUEL TANK BTM CENTR	AF 29 PRESS AIR COOLER OUTLET L/HENG	EC 31 UPSTRM OF WTK S PY255- PY256	EC 34 CABIN FLOW SUPPLY	EC 37 FLOPR FMDTR OF EQ DAY PY101- PY102	EC 114 TEMP ENERGY GEGRTR COOLMG EXIT	AF 26 TEMP AIR I-LET OIL COOLER L/HENG	PR 17 TEMP AIR BLEED TO R/H STARTR	SP 13 TEMP HYD OIL INLET COOLER R/H	SP 14 TEMP HYD OIL OUTLET COOLER R/H	SP 15 FREQ AC GEN L/HENG	EC 66 TEMP AIR ENHSTR OF ANTI ICE VL
13 26 26	-1.27	81.7	89.	.330	-.345	.406	88.	120.	320.	130.	121.	400.	261.
13 26 31	-1.68	85.6	90.	.327	-.323	.401	88.	122.	320.	136.	116.	400.	263.
13 26 36	-1.45	84.6	90.	.325	-.327	.391	88.	120.	320.	142.	118.	400.	280.
13 26 41	-1.65	81.7	85.	.247	-.332	.376	89.	112.	315.	149.	116.	400.	255.
13 26 46	-1.67	80.4	85.	.247	-.347	.348	89.	113.	316.	149.	114.	400.	256.
13 49 8	-1.45	85.8	82.	.293	-.318	.327	86.	117.	320.	127.	97.	400.	210.
13 49 13	4.65	83.7	81.	.310	-.328	.348	87.	119.	320.	135.	103.	400.	210.
13 49 18	11.80	86.3	83.	.259	-.352	.308	85.	121.	316.	127.	105.	400.	215.
13 49 23	18.95	85.6	83.	.264	-.337	.348	86.	119.	320.	127.	105.	400.	214.
13 49 28	10.38	85.8	85.	.293	-.323	.391	85.	123.	320.	131.	106.	400.	212.
13 49 33	10.18	85.8	86.	.291	-.308	.369	86.	123.	317.	131.	106.	400.	212.
13 49 38	9.88	85.8	85.	.279	-.283	.371	87.	118.	315.	137.	106.	400.	211.
13 49 43	9.85	84.8	84.	.291	-.281	.369	87.	119.	317.	126.	105.	400.	212.
13 49 48	9.95	85.8	85.	.279	-.288	.381	85.	125.	317.	128.	104.	400.	213.
13 49 53	9.68	85.8	85.	.264	-.261	.362	86.	120.	316.	131.	105.	400.	212.
13 50 3	10.11	85.8	86.	.254	-.259	.366	85.	123.	320.	134.	105.	400.	212.
13 50 8	9.82	85.6	84.	.264	-.264	.384	85.	123.	320.	131.	108.	400.	214.
13 50 13	9.50	87.6	83.	.27	-.220	.347	85.	125.	315.	126.	105.	400.	211.
13 50 18	4.95	85.6	83.	.271	-.244	.347	85.	121.	319.	136.	105.	400.	211.
13 50 23	-1.65	86.3	83.	.323	-.228	.371	88.	121.	314.	130.	108.	400.	210.
13 50 28	-1.42	84.6	80.	.279	-.237	.371	88.	119.	318.	129.	108.	400.	211.
13 50 33	-1.15	84.3	83.	.288	-.215	.342	88.	122.	318.	130.	107.	400.	210.
13 50 38	-1.20	85.6	84.	.259	-.247	.342	87.	121.	318.	137.	107.	400.	210.
13 50 43	-1.55	83.3	85.	.280	-.239	.327	88.	116.	320.	139.	106.	400.	210.
13 50 48	-1.55	85.0	82.	.279	-.239	.349	86.	115.	321.	123.	104.	400.	210.
13 50 54	-1.37	84.8	82.	.269	-.244	.367	86.	116.	316.	130.	108.	400.	210.
13 50 59	-1.35	83.7	83.	.274	-.225	.352	87.	114.	320.	133.	107.	400.	210.
13 51 4	2.60	84.8	82.	.279	-.252	.376	86.	119.	317.	132.	106.	400.	211.
13 51 9	6.60	86.3	86.	.290	-.220	.332	84.	123.	325.	120.	106.	400.	211.
13 51 14	6.50	85.9	85.	.296	-.220	.335	85.	122.	322.	133.	105.	400.	213.
13 51 19	-1.65	84.3	82.	.283	-.218	.347	88.	117.	320.	133.	104.	400.	212.
13 51 24	-1.68	84.3	82.	.269	-.222	.357	88.	116.	326.	135.	105.	400.	211.
13 51 29	-1.38	86.3	86.	.293	-.220	.388	85.	121.	321.	127.	102.	400.	211.
14 3 13	-1.42	88.1	84.	.303	-.190	.357	86.	119.	324.	131.	105.	400.	214.
14 3 18	-1.05	85.6	84.	.474	0.000	.357	89.	119.	324.	137.	106.	401.	214.
14 3 23	-1.67	86.3	79.	.535	.159	.381	86.	122.	359.	130.	104.	401.	215.
14 3 33	-1.68	84.3	85.	.674	.445	.415	86.	120.	379.	125.	101.	401.	216.
14 3 38	-1.47	85.6	84.	.738	.643	.442	87.	119.	397.	126.	101.	400.	217.
14 3 43	-1.55	86.3	84.	.816	1.144	.386	88.	124.	445.	124.	102.	400.	221.
14 3 48	-1.57	86.9	83.	.755	1.078	.366	88.	122.	457.	125.	102.	400.	221.
14 3 53	-1.40	90.8	82.	.591	.777	.235	90.	118.	477.	135.	105.	400.	219.
14 4 3	-1.50	89.2	84.	.486	.781	.239	88.	120.	490.	128.	103.	400.	222.
14 4 8	-1.30	84.2	91.	.484	.459	.249	87.	126.	534.	127.	95.	400.	227.
14 4 13	-1.38	87.6	92.	.481	.306	.249	87.	125.	543.	127.	100.	401.	228.
14 4 18	-1.25	90.2	92.	.481	.210	.152	88.	119.	583.	134.	107.	400.	232.
14 4 19	-1.25	84.6	92.	.362	.144	.203	88.	121.	573.	122.	105.	400.	236.
14 4 24	-1.15	85.0	91.	.382	-.044	.283	88.	119.	604.	131.	104.	401.	240.
14 4 24	-1.20	85.0	91.	.367	-.042	.301	89.	120.	638.	135.	105.	400.	241.

TIME H/M/S	CS ANGLE OF ATTACK (TRUE)	AF TEMP FUEL TANK 8TH CENTR	AF PRESS AIR COOLER OUTLET L/MENG	EC UPSTRM OF MTR S P255- P256	EC 34 PRES CABIN FLOW SUPPLY	EC 37 FLOWPR FNDTRM OF EQ BAY PY181- PY182	EC 114 TEMP FENERGY GERTR COOLING EXIT	AF 26 TEMP AIR INLET OIL COOLER L/MENG	PR 17 TEMP AIR TO R/H STARTR	SP 13 TEMP HYD CIL INLET COOLER R/H	SP 14 TEMP HYD OIL OUTLET COOLER R/H	SP 15 FREQ AC GEN L/MENG	EC 66 TEMP AIR DMSTR OF ANTI ICE VL
14 4 29	-1.70	87.6	91.	.367	-.054	.332	89.	124.	627.	133.	106.	400.	245.
14 4 34	-1.40	87.6	91.	.415	-.054	.327	89.	125.	640.	134.	107.	400.	247.
14 4 39	-1.25	88.2	97.	.352	-.078	.371	88.	129.	688.	125.	103.	400.	255.
14 4 44	-1.12	88.6	96.	.389	-.054	.359	87.	130.	683.	129.	104.	400.	257.
14 4 49	-1.35	85.6	91.	.337	-.050	.310	90.	125.	729.	141.	110.	400.	256.
14 4 54	-1.42	86.3	91.	.401	-.034	.315	88.	127.	745.	136.	110.	400.	258.
14 4 59	-1.50	86.3	93.	.352	-.008	.323	89.	128.	719.	131.	111.	400.	267.
14 5 4	-1.45	89.2	94.	.391	-.073	.345	88.	131.	724.	136.	110.	400.	278.
14 5 9	-1.60	89.5	96.	.293	-.127	.371	84.	134.	740.	134.	108.	400.	277.
14 5 14	-1.30	87.2	91.	.332	-.105	.352	87.	131.	748.	129.	109.	400.	276.
14 5 19	-1.18	85.6	78.	.371	-.044	.323	88.	128.	761.	136.	107.	400.	278.
14 5 24	-1.15	86.9	78.	.369	-.056	.315	88.	131.	768.	132.	107.	400.	279.
14 5 29	-1.20	88.2	78.	.415	-.044	.362	86.	136.	782.	130.	107.	400.	287.
14 5 39	-1.40	87.6	79.	.374	-.064	.347	87.	132.	779.	135.	109.	400.	287.
14 5 39	-1.55	86.9	88.	.376	-.024	.347	88.	138.	775.	138.	111.	400.	291.
14 5 44	-1.40	86.9	76.	.398	-.020	.330	87.	136.	774.	135.	109.	400.	294.
14 5 49	-1.75	90.2	76.	.371	-.059	.362	84.	139.	779.	131.	108.	400.	295.
14 5 54	-1.80	89.2	73.	.374	-.054	.332	86.	136.	779.	138.	108.	399.	296.
14 5 59	-1.05	86.9	78.	.215	-.161	.293	98.	139.	591.	143.	112.	398.	301.
14 6 9	-1.80	86.9	79.	.191	-.257	.293	89.	134.	564.	137.	109.	399.	299.
14 6 14	-1.55	86.9	79.	.191	-.371	.347	89.	140.	496.	141.	111.	400.	301.
14 6 19	-1.52	86.9	80.	.193	-.347	.354	89.	137.	480.	148.	110.	400.	301.
14 6 19	-1.05	85.6	81.	.215	-.318	.371	87.	139.	443.	137.	108.	401.	307.
14 6 24	-1.10	86.6	82.	.242	-.315	.359	87.	136.	432.	131.	104.	401.	307.
14 6 29	-1.45	88.9	78.	.249	-.362	.411	89.	137.	399.	139.	105.	400.	307.
14 6 36	-1.47	88.9	76.	.261	-.293	.415	89.	130.	359.	123.	105.	400.	289.
14 6 41	-1.45	86.9	75.	.269	-.236	.401	92.	128.	322.	131.	103.	400.	278.
14 6 46	-1.27	85.6	74.	.291	-.217	.386	92.	122.	321.	133.	105.	400.	278.
14 6 51	-1.35	89.5	72.	.327	-.176	.347	90.	117.	331.	123.	103.	400.	270.
14 6 51	-1.50	81.7	72.	.327	-.178	.349	90.	123.	324.	127.	105.	400.	269.
14 6 56	-1.50	80.2	73.	.269	-.244	.396	93.	123.	319.	138.	105.	400.	266.
14 6 56	-1.40	88.6	73.	.298	-.222	.371	93.	122.	321.	136.	105.	400.	266.
14 6 56	-1.10	87.6	69.	.327	-.191	.357	90.	129.	322.	131.	105.	400.	267.
14 6 56	-1.22	87.6	72.	.308	-.208	.364	82.	125.	322.	123.	104.	400.	268.
14 6 56	-1.00	73.8	58.	.313	-.318	.352	93.	125.	322.	133.	105.	401.	267.
14 6 56	-1.25	81.7	72.	.288	-.274	.381	90.	126.	322.	129.	103.	400.	267.
14 6 56	-1.40	88.9	69.	.283	-.238	.425	88.	125.	319.	126.	103.	400.	268.
14 6 56	-1.45	80.6	72.	.257	-.218	.408	90.	123.	321.	127.	103.	400.	268.
14 6 56	-1.35	80.9	72.	.298	-.225	.396	90.	121.	320.	125.	103.	400.	262.
14 6 56	-1.30	89.2	71.	.301	-.232	.396	91.	124.	328.	131.	105.	400.	261.
14 6 56	-1.65	91.5	72.	.308	-.235	.386	90.	130.	328.	131.	105.	400.	261.
14 6 56	-1.45	87.9	71.	.288	-.244	.381	89.	129.	319.	134.	103.	400.	257.
14 6 56	-1.10	86.3	71.	.284	-.238	.366	98.	123.	321.	137.	107.	400.	254.
14 6 56	-1.65	87.6	72.	.286	-.228	.379	94.	124.	322.	130.	106.	400.	253.
14 6 56	-1.45	87.6	72.	.283	-.228	.352	91.	124.	319.	135.	109.	401.	253.
14 6 56	-1.52	88.9	74.	.279	-.213	.354	90.	124.	320.	130.	107.	401.	255.
14 6 56	-1.50	86.9	78.	.235	-.238	.357	92.	127.	320.	137.	107.	400.	251.
14 6 56	-1.37	87.2	72.	.295	-.228	.371	93.	122.	319.	126.	100.	400.	250.
14 6 56	-1.28	86.3	72.	.238	-.239	.332	94.	120.	324.	132.	107.	400.	249.

TIME H/M/S	CS ANGLE OF ATTACK (TRUE)	AF 6 TEMP FUEL TANK BTM CENTR	AF 29 PRESS AIR COOLER OUTLET L/HENG	EC 31 UPSTRM OF WATR S PV255- PV256	EC 34 PRES JABIN FLOW SUPPLY	EC 37 FLOPRM OF EQ BAY PV181- PV182	EC 114 TEMP ENERGY GERTR COOLNG EXIT	AF 26 TEMP AIR INLET OIL COOLER L/HENG	PR 17 TEMP AIR BLEED TO R/H STARTR	SP 13 TEMP HYD OIL INLET COOLER R/H	SP 14 TEMP HYD OIL OUTLET COOLER R/H	SP 15 FREQ AC GEN L/HENG	EC 56 TEMP AIR DNSTR OF ANTI ICE VL
14 18 4	-1.10	85.8	72.	.235	-.213	.371	92.	124.	324.	124.	185.	408.	250.
14 18 6	-1.45	90.2	71.	.313	-.239	.347	91.	127.	325.	127.	186.	408.	253.
14 18 9	-1.32	89.5	72.	.286	-.237	.376	92.	123.	322.	129.	185.	408.	258.
14 18 14	-1.60	88.9	72.	.313	-.215	.366	84.	121.	328.	135.	186.	408.	246.
14 18 19	-1.55	88.9	74.	.385	-.227	.396	89.	128.	321.	136.	187.	408.	246.
14 32 7	-1.40	91.5	64.	-.078	-.254	.018	91.	132.	369.	127.	180.	410.	172.
14 32 13	-1.52	98.5	43.	-.081	-.264	-.017	92.	128.	366.	124.	187.	405.	172.
14 32 18	-1.35	89.5	18.	-.029	-.244	-.073	93.	127.	363.	127.	119.	408.	155.
14 32 23	-1.25	89.9	8.	-.027	-.261	-.061	93.	126.	358.	126.	118.	408.	167.
14 32 28	-1.20	98.8	-2.	-.064	-.283	0.088	93.	125.	352.	121.	118.	408.	172.
14 32 33	-1.25	98.2	-4.	-.054	-.269	-.017	92.	125.	358.	124.	118.	408.	171.
14 32 39	-1.15	98.2	1.	-.044	-.254	-.034	93.	125.	347.	123.	115.	408.	174.
14 32 44	-1.50	98.8	-1.	-.061	-.254	-.032	94.	126.	342.	125.	116.	408.	172.
14 32 49	-1.25	91.5	1.	-.073	-.313	-.028	93.	127.	335.	125.	117.	408.	172.
14 32 54	-1.37	94.8	-0.	-.059	-.286	-.020	93.	127.	334.	123.	114.	408.	173.
14 32 59	-1.20	90.2	-8.	-.071	-.283	-.010	93.	127.	338.	125.	115.	408.	172.
14 33 4	-1.35	98.5	-4.	-.071	-.264	-.024	93.	127.	329.	124.	116.	408.	172.
14 33 9	-1.35	98.2	1.	0.088	-.269	-.117	93.	127.	321.	124.	115.	408.	172.
14 33 14	-2.08	87.9	0.	-.842	-.274	-.068	93.	127.	321.	123.	114.	408.	172.

TIME	AF 39	AF 40	AF 41	AF 42
H/M/S	BULK HEAD F 76 DEF	LOW QIP WING PIVOT	WING PIVOT	UP FRAME FS778 DEGF
17				
13 1 1				84.
13 1 12				84.
13 1 17				84.
13 1 22				84.
13 1 27				84.
13 1 32				84.
13 1 32				83.
13 1 36				84.
13 1 40				84.
13 1 53				84.
13 1 56				84.
13 1 56				84.
13 2 3				84.
13 2 6				84.
13 2 13				84.
13 2 16				84.
13 2 23				84.
13 4 6				84.
13 4 11				84.
13 4 11				84.
13 4 16				84.
13 4 21				84.
13 4 26				84.
13 4 31				84.
13 4 44				84.
13 4 42				84.
13 4 47				84.
13 4 52				84.
13 4 55				84.
13 5 2				84.
13 5 7				84.
13 5 12				84.
13 5 17				84.
13 5 22				84.
13 5 27				84.
13 5 32				84.
13 5 37				84.
13 5 42				84.
13 5 47				84.
13 5 52				84.
13 5 57				84.
13 6 7				84.
13 6 12				84.
13 6 17				84.

TIME H/M/S	AF 34 BULK HEAD FS476 DEGF	AF 40 LOW CAP MING PIVOT	AF 41 MING PIVOT	AF 42 UP FRAME FS778 DEGF
13 6 22	044.	044.	78.	85.
13 6 27	044.	042.	84.	84.
13 6 37	044.	048.	83.	85.
13 6 42	044.	048.	84.	84.
13 6 47	044.	048.	85.	84.
13 6 47	044.	048.	84.	86.
13 6 52	044.	048.	83.	86.
13 6 57	044.	048.	84.	84.
13 7 2	044.	048.	84.	84.
13 7 7	044.	048.	83.	85.
13 7 12	044.	048.	83.	85.
13 7 16	044.	048.	83.	86.
13 7 23	044.	048.	81.	86.
13 7 28	044.	048.	84.	82.
13 7 33	044.	048.	82.	83.
13 7 38	044.	048.	88.	84.
13 7 43	044.	048.	81.	85.
13 7 48	044.	048.	82.	85.
13 7 53	044.	048.	83.	86.
13 7 58	044.	048.	79.	84.
13 8 3	044.	048.	81.	83.
13 8 8	044.	048.	84.	84.
13 8 13	044.	048.	84.	85.
13 8 18	044.	048.	88.	86.
13 8 23	044.	048.	82.	85.
13 8 28	044.	048.	82.	85.
13 8 33	044.	048.	82.	86.
13 8 38	044.	048.	84.	86.
13 8 43	044.	048.	83.	86.
13 8 48	044.	048.	78.	84.
13 8 53	044.	048.	81.	84.
13 8 58	044.	048.	82.	85.
13 9 3	044.	048.	84.	85.
13 9 13	044.	048.	84.	74.
13 9 18	044.	048.	83.	88.
13 9 23	044.	048.	82.	84.
13 9 28	044.	048.	83.	85.
13 9 33	044.	048.	84.	86.
13 9 38	044.	048.	84.	86.
13 9 43	044.	048.	84.	87.
13 9 48	044.	048.	83.	87.
13 9 53	044.	048.	83.	84.
13 9 58	044.	048.	84.	85.
13 10 4	044.	048.	83.	86.
13 10 9	044.	048.	82.	88.
13 10 22	044.	048.	82.	86.
13 10 19	044.	048.	79.	74.
13 10 24	044.	048.	81.	81.

TIME M/M/S	AF 39 BULK HEAD FSA76 DECF	AF 40 LOW CAP MING PIVOT	AF 41 MING PIVOT	AF 42 UP FRAME FS778 DECF
13 10 29	848.	848.	84.	87.
13 10 34	848.	848.	84.	86.
13 10 39	848.	848.	79.	88.
13 10 44	848.	848.	88.	87.
13 10 49	848.	848.	82.	87.
13 10 54	848.	848.	83.	86.
13 11 43	848.	848.	84.	87.
13 11 48	848.	848.	84.	87.
13 11 58	848.	848.	82.	89.
13 12 3	848.	848.	83.	88.
13 12 3	848.	848.	83.	90.
13 12 8	848.	848.	83.	91.
13 12 13	848.	848.	84.	83.
13 12 18	848.	848.	83.	86.
13 12 28	848.	848.	86.	88.
13 12 33	848.	848.	84.	87.
13 12 38	848.	848.	82.	88.
13 12 38	848.	848.	83.	87.
13 12 43	848.	848.	82.	92.
13 12 48	848.	848.	82.	90.
13 12 53	848.	848.	84.	85.
13 12 58	848.	848.	84.	86.
13 13 3	848.	848.	82.	90.
13 13 9	848.	848.	82.	91.
13 13 14	848.	848.	82.	91.
13 13 19	848.	848.	82.	91.
13 13 24	848.	848.	83.	91.
13 13 29	848.	848.	84.	88.
13 13 34	848.	848.	82.	84.
13 13 39	848.	848.	82.	87.
13 13 44	848.	848.	82.	91.
13 13 49	848.	848.	85.	93.
13 13 54	848.	848.	82.	93.
13 14 4	848.	848.	79.	92.
13 14 9	848.	848.	84.	90.
13 14 14	848.	848.	84.	90.
13 14 19	848.	848.	82.	92.
13 14 24	848.	848.	82.	93.
13 14 34	848.	848.	81.	97.
13 14 34	848.	848.	82.	95.
13 14 39	848.	848.	82.	84.
13 14 44	848.	848.	83.	89.
13 14 49	848.	848.	86.	90.
13 14 54	848.	848.	84.	93.
13 15 4	848.	848.	82.	97.
13 15 9	848.	848.	84.	94.
13 15 14	848.	848.	84.	89.
13 15 19	848.	848.	81.	91.
13 15 19	848.	848.	74.	94.

TIME W/H/S	AF 39 BULK HEAD FS476 DEGF	AF 40 LOW CAP WING PIVOT	AF 41 WING PIVOT	AF 42 Up FRAME FS770 DEGF
17				
13 15 19	040.	040.	79.	09.
13 15 24	040.	040.	04.	93.
13 15 29	040.	040.	02.	93.
13 15 34	040.	040.	04.	93.
13 15 39	040.	040.	03.	92.
13 15 44	040.	040.	04.	91.
13 15 50	040.	040.	04.	91.
13 15 55	040.	040.	01.	94.
13 16 0	040.	040.	00.	94.
13 16 5	040.	040.	02.	94.
13 16 10	040.	040.	03.	94.
13 16 15	040.	040.	02.	95.
13 16 20	040.	040.	00.	95.
13 16 25	040.	040.	03.	91.
13 16 30	040.	040.	02.	93.
13 16 35	040.	040.	04.	94.
13 16 40	040.	040.	03.	96.
13 16 53	040.	040.	02.	95.
13 16 58	040.	040.	02.	95.
13 16 55	040.	040.	02.	93.
13 17 0	040.	040.	02.	93.
13 17 10	040.	040.	03.	95.
13 17 15	040.	040.	01.	92.
13 17 20	040.	040.	00.	95.
13 17 25	040.	040.	79.	94.
13 17 30	040.	040.	01.	93.
13 17 40	040.	040.	02.	93.
13 17 45	040.	040.	01.	94.
13 17 50	040.	040.	03.	92.
13 17 55	040.	040.	03.	92.
13 17 55	040.	040.	01.	92.
13 18 0	040.	040.	02.	96.
13 18 5	040.	040.	04.	94.
13 18 10	040.	040.	03.	95.
13 18 15	040.	040.	02.	92.
13 18 20	040.	040.	02.	91.
13 18 26	040.	040.	02.	95.
13 18 31	040.	040.	02.	95.
13 18 36	040.	040.	02.	95.
13 18 41	040.	040.	02.	95.
13 18 46	040.	040.	02.	92.
13 18 51	040.	040.	03.	91.
13 18 56	040.	040.	02.	95.
13 19 1	040.	040.	02.	95.
13 19 6	040.	040.	03.	94.
13 19 11	040.	040.	02.	95.
13 19 16	040.	040.	02.	93.
13 19 21	040.	040.	01.	95.

TIME M/M/S	AF 39 BULK HEAD FSA76 DECF	AF 48 LOW CAP MING PIVOT	AF 61 MING PIVOT	AF 62 UP FRAME FS78 DECF
13 22 24	848.	848.	82.	93.
13 22 29	759.	848.	91.	94.
13 22 34	848.	848.	83.	91.
13 22 39	848.	848.	83.	92.
13 22 44	848.	848.	84.	89.
13 22 49	848.	848.	84.	90.
13 22 54	848.	848.	82.	92.
13 22 59	848.	848.	82.	88.
13 23 04	848.	848.	84.	88.
13 23 09	848.	848.	83.	91.
13 23 14	848.	848.	83.	91.
13 23 19	848.	848.	83.	91.
13 23 24	848.	848.	82.	91.
13 23 29	848.	848.	83.	88.
13 23 34	848.	848.	84.	88.
13 23 39	848.	848.	83.	91.
13 23 44	848.	848.	82.	92.
13 23 49	848.	848.	83.	91.
13 23 54	848.	848.	81.	95.
13 23 59	848.	848.	82.	91.
13 24 04	848.	848.	81.	91.
13 24 09	848.	848.	82.	91.
13 24 14	848.	848.	82.	95.
13 24 19	848.	848.	82.	95.
13 24 24	848.	848.	81.	89.
13 24 29	848.	848.	81.	92.
13 24 34	848.	848.	79.	91.
13 24 39	848.	848.	82.	91.
13 24 44	848.	848.	74.	91.
13 24 49	848.	848.	79.	93.
13 24 54	848.	848.	81.	93.
13 24 59	848.	848.	80.	93.
13 25 04	848.	848.	84.	89.
13 25 09	848.	848.	83.	88.
13 25 14	848.	848.	83.	95.
13 25 19	848.	848.	81.	93.
13 25 24	848.	848.	82.	91.
13 25 29	848.	848.	82.	93.
13 25 34	848.	848.	83.	32.
13 25 39	848.	848.	83.	88.
13 25 44	848.	848.	79.	90.
13 25 49	848.	848.	81.	92.
13 25 54	848.	848.	80.	93.
13 25 59	848.	848.	82.	89.
13 26 04	848.	848.	83.	84.
13 26 09	848.	848.	82.	88.
13 26 14	848.	848.	84.	91.
13 26 19	848.	848.	83.	91.
13 26 24	848.	848.	79.	92.

TIME H/M/S	AF 39 BULK HEAD FS476 DECF	AF 40 LOW CAP MING PIVOT	AF 41 MING PIVOT	AF 42 UP FRAME FS778 DECF
14 29	846.	848.	84.	98.
14 30	848.	848.	83.	92.
14 31	848.	848.	85.	94.
14 32	848.	848.	85.	94.
14 33	848.	848.	83.	97.
14 34	848.	848.	84.	97.
14 35	848.	848.	81.	99.
14 36	848.	848.	82.	97.
14 37	848.	848.	88.	98.
14 38	848.	848.	86.	99.
14 39	848.	848.	85.	98.
14 40	848.	848.	85.	98.
14 41	848.	848.	84.	97.
14 42	848.	848.	82.	100.
14 43	848.	848.	82.	96.
14 44	848.	848.	83.	98.
14 45	848.	848.	84.	100.
14 46	848.	848.	83.	102.
14 47	848.	848.	82.	101.
14 48	848.	848.	82.	102.
14 49	848.	848.	84.	103.
14 50	848.	848.	82.	105.
14 51	848.	848.	82.	105.
14 52	848.	848.	82.	106.
14 53	848.	848.	88.	105.
14 54	848.	848.	82.	108.
14 55	848.	848.	84.	96.
14 56	848.	848.	83.	94.
14 57	848.	848.	84.	94.
14 58	848.	848.	82.	94.
14 59	848.	848.	83.	92.
15 00	848.	848.	84.	93.
15 01	848.	848.	81.	98.
15 02	848.	848.	83.	92.
15 03	848.	848.	83.	95.
15 04	848.	848.	83.	99.
15 05	848.	848.	84.	95.
15 06	848.	848.	83.	94.
15 07	848.	848.	84.	98.
15 08	848.	848.	85.	92.
15 09	848.	848.	82.	95.
15 10	848.	848.	84.	94.
15 11	848.	848.	84.	94.
15 12	848.	848.	82.	94.
15 13	848.	848.	81.	92.
15 14	848.	848.	83.	93.
15 15	848.	848.	83.	92.
15 16	848.	848.	83.	95.
15 17	848.	848.	83.	99.
15 18	848.	848.	84.	95.
15 19	848.	848.	83.	94.
15 20	848.	848.	84.	98.
15 21	848.	848.	85.	92.
15 22	848.	848.	82.	95.
15 23	848.	848.	84.	94.
15 24	848.	848.	84.	94.
15 25	848.	848.	81.	96.
15 26	848.	848.	82.	94.
15 27	848.	848.	83.	88.
15 28	848.	848.	83.	88.
15 29	848.	848.	83.	92.
15 30	848.	848.	83.	92.
15 31	848.	848.	83.	95.
15 32	848.	848.	83.	95.
15 33	848.	848.	83.	95.
15 34	848.	848.	83.	95.
15 35	848.	848.	83.	95.
15 36	848.	848.	83.	95.
15 37	848.	848.	83.	95.
15 38	848.	848.	83.	95.
15 39	848.	848.	83.	95.
15 40	848.	848.	83.	95.
15 41	848.	848.	83.	95.
15 42	848.	848.	83.	95.
15 43	848.	848.	83.	95.
15 44	848.	848.	83.	95.
15 45	848.	848.	83.	95.
15 46	848.	848.	83.	95.
15 47	848.	848.	83.	95.
15 48	848.	848.	83.	95.
15 49	848.	848.	83.	95.
15 50	848.	848.	83.	95.
15 51	848.	848.	83.	95.
15 52	848.	848.	83.	95.
15 53	848.	848.	83.	95.
15 54	848.	848.	83.	95.
15 55	848.	848.	83.	95.
15 56	848.	848.	83.	95.
15 57	848.	848.	83.	95.
15 58	848.	848.	83.	95.
15 59	848.	848.	83.	95.

TIME
M/M/S

17

AF 41
BULK
HEAD
FS476
DEGF

AF 46
LOW
CAP
MING
PIVOT

AF 41
MING
PIVOT

AF 42
UP
FRAME
FS770
DEGF

14 18 4	270.	848.	83.	94.
14 18 6	296.	848.	86.	87.
14 18 9	189.	848.	85.	91.
14 18 14	69.	848.	88.	96.
14 18 19	56.	848.	81.	96.
14 32 7	LOM	98.	84.	92.
14 32 13	LOM	392.	81.	95.
14 32 18	LOM	815.	84.	94.
14 32 23	LOM	831.	84.	94.
14 32 28	LOM	848.	85.	93.
14 32 33	LOM	848.	85.	94.
14 32 39	LOM	848.	84.	94.
14 32 44	LOM	848.	84.	94.
14 32 49	LOM	848.	84.	181.
14 32 54	LOM	848.	84.	90.
14 32 59	LOM	848.	84.	92.
14 33 4	LOM	848.	84.	95.
14 33 9	LOM	848.	84.	98.
14 33 14	LOM	848.	81.	93.

TIME M/H/S	EC 75 MAST FREQ GN	EC 76 INER REF UNT	EC 80 TRANS SYNC	EC 81 R/H TFR COMP	EC 82 STU EX AIR	EC 83 DOPP ELEC UT	EC 84 GNC	EC 85 CONVER BOTT	EC 86 WDC	EC 87 SPARE	EC 88 STU IN AMB A	EC 89 ARS PON SUPP	EC 90 CONVER TOP
10 0 42	89.	96.	65.	75.	90.	73.	117.	105.	107.	-45.	80.	73.	102.
10 0 47	97.	100.	71.	77.	95.	73.	104.	106.	103.	-35.	91.	70.	95.
10 0 52	91.	97.	71.	77.	95.	72.	103.	106.	105.	-34.	92.	72.	98.
10 0 57	94.	105.	71.	74.	97.	73.	98.	105.	106.	-70.	91.	70.	102.
10 1 2	87.	98.	71.	75.	96.	73.	107.	106.	106.	-55.	91.	72.	101.
10 1 12	82.	90.	70.	74.	95.	73.	108.	108.	110.	-38.	91.	73.	101.
10 1 17	87.	96.	71.	76.	95.	72.	100.	106.	108.	-37.	91.	73.	101.
10 1 22	84.	90.	68.	76.	97.	71.	111.	106.	108.	-31.	90.	71.	102.
10 1 27	82.	90.	68.	76.	97.	70.	112.	105.	109.	-31.	90.	72.	102.
10 1 32	84.	84.	67.	75.	95.	71.	112.	106.	103.	-4.	88.	63.	97.
10 1 32	85.	89.	68.	75.	95.	70.	108.	105.	104.	-17.	88.	68.	98.
10 1 42	84.	90.	67.	76.	97.	72.	119.	106.	106.	-25.	90.	70.	103.
10 1 47	81.	91.	67.	78.	98.	72.	112.	106.	104.	-25.	89.	71.	103.
10 1 47	81.	91.	68.	78.	95.	71.	114.	103.	108.	-15.	87.	73.	102.
10 1 52	81.	91.	69.	78.	95.	67.	111.	104.	107.	-32.	88.	73.	101.
10 1 57	97.	107.	71.	77.	97.	73.	103.	106.	100.	-52.	91.	69.	101.
10 2 2	97.	106.	69.	78.	97.	68.	107.	106.	103.	-30.	89.	70.	102.
10 2 7	94.	105.	71.	79.	96.	69.	101.	104.	108.	-32.	87.	73.	99.
10 2 13	94.	105.	70.	79.	93.	70.	99.	105.	107.	-29.	89.	71.	100.
10 2 18	95.	101.	53.	80.	95.	70.	100.	104.	99.	-23.	86.	63.	103.
10 2 23	88.	96.	61.	78.	95.	71.	109.	102.	99.	-35.	87.	69.	181.
10 2 28	93.	100.	67.	79.	95.	70.	108.	96.	108.	-31.	87.	72.	103.
10 2 33	91.	98.	67.	79.	95.	70.	116.	98.	108.	-28.	88.	72.	103.
10 2 38	84.	93.	65.	78.	97.	69.	103.	104.	109.	-21.	91.	70.	104.
10 2 43	89.	99.	67.	76.	97.	70.	103.	103.	110.	-27.	91.	71.	103.
10 42 48	91.	101.	70.	77.	95.	73.	112.	104.	102.	-21.	89.	73.	103.
10 2 53	90.	101.	69.	77.	97.	71.	109.	105.	103.	-40.	91.	71.	102.
10 2 58	95.	101.	69.	77.	101.	69.	105.	106.	105.	-23.	93.	64.	182.
10 3 3	91.	96.	70.	76.	99.	78.	123.	105.	105.	-26.	91.	70.	102.
10 3 8	89.	94.	70.	76.	97.	73.	123.	103.	112.	-25.	90.	72.	103.
10 3 13	86.	93.	69.	77.	95.	72.	120.	103.	109.	-22.	90.	73.	104.
10 3 18	94.	102.	70.	75.	95.	72.	108.	104.	106.	-47.	90.	63.	103.
10 3 23	88.	94.	68.	77.	95.	70.	113.	103.	107.	-36.	89.	68.	103.
10 3 28	80.	88.	66.	78.	95.	69.	118.	105.	105.	-27.	88.	73.	105.
10 3 33	79.	86.	67.	77.	96.	69.	113.	105.	105.	-28.	90.	68.	104.
10 3 38	66.	90.	70.	74.	95.	71.	105.	103.	106.	-23.	90.	71.	181.
10 3 43	91.	95.	69.	75.	96.	67.	113.	104.	105.	-35.	91.	70.	102.
10 3 53	94.	97.	65.	78.	97.	67.	110.	100.	107.	-64.	89.	63.	103.
10 3 58	92.	96.	66.	77.	96.	69.	112.	108.	109.	-45.	88.	67.	183.
10 4 3	86.	91.	66.	77.	95.	72.	109.	103.	108.	-24.	90.	72.	103.
10 4 8	88.	93.	67.	78.	95.	72.	116.	104.	108.	-24.	91.	71.	103.
10 4 8	87.	93.	67.	78.	95.	77.	117.	104.	100.	-18.	93.	73.	103.

TIME H/M/S	EC 91 HAINT CON UT	AF 15 TEMP FUEL INLET HYD COOLER UTL	AF 15 TEMP FUEL OUTLET HYD COOLER UTL	AF 14 TEMP OIL FUEL OUTLET A/B COOLER L/MENG	AF 20 TEMP OIL OUTLET A/B COOLER L/MENG	SP 3 TEMP HYD OIL OUTLET UTL PUMP	SP 7 TEMP HYD OIL OUTLET PRIMARY PUMP	AF 7 TEMP FUEL INLET MAIN FUELCT L/MENG	AF 8 TEMP FUEL MAIN CONTROL OUTLET L/MENG	AF 9 TEMP FUEL INLET A/B FUELCT L/MENG	AF 22 TEMP OIL TANK L/MENG	AF 27 TEMP OIL INLET AIR-OL COOLER L/MENG	AF 28 TEMP OIL OUTLET AIR-OL COOLER L/MENG
0 57 9	636.	120.	115.	115.	118.	117.	117.	640.0	LOW	117.5	117.	118.	116.
0 57 14	700.	120.	117.	116.	118.	116.	116.	702.5	LOW	116.8	117.	118.	119.
0 57 19	704.	120.	116.	116.	117.	117.	117.	704.9	LOW	117.5	117.	118.	117.
0 57 24	663.	120.	118.	115.	117.	117.	117.	705.9	LOW	117.1	117.	118.	118.
0 57 29	663.	121.	118.	116.	117.	117.	116.	673.5	LOW	116.2	117.	117.	117.
0 57 42	656.	121.	119.	116.	117.	117.	116.	642.8	LOW	116.8	117.	117.	117.
0 57 39	698.	120.	117.	116.	117.	117.	118.	679.2	LOW	116.5	117.	117.	118.
0 57 49	693.	120.	118.	116.	117.	117.	117.	685.0	LOW	116.5	117.	118.	118.
0 57 54	644.	120.	119.	117.	118.	118.	115.	694.0	LOW	117.5	117.	118.	118.
0 57 59	640.	123.	119.	118.	117.	117.	117.	696.9	LOW	117.1	117.	118.	118.
0 58 4	634.	121.	118.	116.	117.	117.	116.	680.3	LOW	118.8	117.	118.	119.
0 58 9	651.	120.	118.	116.	117.	117.	117.	669.3	LOW	116.5	117.	118.	118.
0 58 9	636.	121.	120.	117.	118.	117.	117.	681.8	LOW	118.1	117.	117.	117.
0 58 14	661.	118.	120.	117.	118.	116.	118.	681.5	LOW	117.5	117.	118.	117.
0 58 19	706.	120.	119.	116.	117.	116.	116.	694.8	LOW	116.8	117.	119.	116.
0 58 24	600.	120.	119.	116.	117.	117.	116.	695.9	LOW	116.2	117.	119.	116.
0 58 29	716.	121.	119.	116.	118.	117.	121.	670.0	LOW	118.0	117.	119.	117.
0 58 34	691.	120.	118.	115.	118.	116.	120.	679.6	LOW	117.5	117.	118.	117.
0 58 40	650.	120.	119.	115.	118.	117.	117.	681.2	LOW	116.2	117.	118.	117.
0 58 45	749.	120.	118.	116.	114.	116.	117.	679.2	LOW	116.8	117.	118.	118.
0 58 50	657.	119.	119.	116.	117.	116.	115.	680.2	LOW	116.2	117.	118.	118.
0 58 55	675.	120.	119.	116.	117.	117.	118.	697.5	LOW	113.6	117.	118.	118.
0 59 0	693.	121.	121.	116.	117.	117.	117.	685.7	LOW	116.2	117.	119.	118.
0 59 5	671.	120.	118.	115.	117.	117.	117.	683.4	LOW	117.1	117.	118.	118.
0 59 10	664.	120.	119.	115.	117.	117.	117.	679.2	LOW	116.2	117.	118.	118.
0 59 15	673.	119.	118.	116.	117.	117.	117.	672.5	LOW	116.5	117.	118.	117.
0 59 20	604.	119.	119.	116.	118.	118.	118.	681.8	LOW	116.2	117.	118.	118.
0 59 25	766.	120.	119.	117.	119.	119.	118.	670.0	LOW	118.4	117.	118.	118.
0 59 30	848.	116.	118.	116.	118.	117.	117.	698.5	LOW	116.2	119.	119.	119.
0 59 35	797.	110.	118.	115.	117.	119.	117.	696.9	LOW	117.1	117.	119.	118.
0 59 40	827.	120.	120.	116.	117.	120.	117.	671.5	LOW	116.8	117.	118.	119.
0 59 45	780.	120.	120.	116.	117.	119.	116.	660.6	LOW	117.5	118.	117.	118.
0 59 50	781.	119.	120.	116.	117.	117.	119.	647.2	LOW	118.1	117.	118.	118.
0 59 55	744.	121.	119.	116.	115.	118.	118.	666.4	LOW	117.1	117.	118.	117.
0 59 59	760.	121.	119.	116.	115.	118.	118.	620.4	LOW	119.4	116.	118.	118.
0 59 59	760.	121.	119.	116.	115.	117.	117.	637.8	LOW	118.4	116.	118.	118.
0 59 59	760.	121.	119.	116.	115.	117.	117.	661.9	LOW	116.0	117.	118.	117.
0 59 59	760.	121.	119.	116.	115.	117.	117.	627.1	LOW	117.1	118.	117.	117.
0 59 59	760.	121.	119.	116.	115.	117.	117.	640.5	LOW	117.5	116.	118.	117.
0 59 59	760.	121.	119.	116.	115.	117.	117.	641.1	LOW	117.5	117.	118.	117.
0 59 59	760.	121.	119.	116.	115.	117.	117.	614.8	LOW	119.4	117.	118.	117.
0 59 59	760.	121.	119.	116.	115.	117.	117.	606.1	LOW	118.0	119.	118.	118.
0 59 59	760.	121.	119.	116.	115.	117.	117.	596.2	LOW	118.0	117.	118.	118.
0 59 59	760.	121.	119.	116.	115.	117.	117.	594.3	LOW	118.1	117.	118.	118.
0 59 59	760.	121.	119.	116.	115.	117.	117.	545.5	LOW	117.5	117.	118.	117.

TIME H/M/S	20 91 MAINT CON JT	AF 15 TEMP FUEL HYD COOLER JTL	AF 15 TEMP FUEL HYD COOLER JTL	AF 13 TEMP OIL OUTLET FUEL COOLER L/HENG	AF 20 TEMP OIL OUTLET A/B COOLER L/HENG	SP HYD OIL UTL PUMP	SP TEMP HYD OIL OUTLET PRIMRY PJSP	AF 7 TEMP FUEL INLET MAIN FUELCT L/HENG	AF 8 TEMP FUEL MAIN OUTLET L/HENG	AF 9 TEMP FUEL INLET A/B FUELCT L/HENG	AF 22 TEMP OIL TANK L/HENG	AF 27 TEMP OIL INLET AIR-OL COOLER L/HENG	AF 28 TEMP OIL OUTLET AIR-OL COOLER L/HENG
9 51 46	848.	120.	119.	116.	115.	116.	117.	603.9	LOW	117.1	117.	117.	118.
9 11 53	845.	118.	119.	116.	118.	117.	117.	606.4	LOW	117.5	117.	116.	123.
9 51 58	846.	119.	119.	116.	118.	118.	118.	627.7	LOW	116.8	117.	117.	121.
9 12 4	848.	121.	119.	116.	117.	117.	117.	620.4	LOW	117.5	111.	118.	117.
9 12 9	842.	121.	118.	115.	117.	117.	120.	623.6	LOW	117.5	114.	118.	118.
9 12 14	842.	119.	123.	116.	118.	117.	120.	626.8	LOW	117.5	117.	118.	118.
9 12 19	844.	119.	121.	117.	118.	119.	118.	613.7	LOW	117.5	118.	119.	118.
9 12 24	848.	121.	116.	116.	118.	116.	117.	626.8	LOW	116.2	117.	117.	117.
9 12 29	848.	121.	117.	116.	118.	117.	118.	659.3	LOW	116.2	117.	118.	117.
9 12 34	848.	119.	118.	117.	118.	117.	118.	623.3	LOW	115.9	118.	118.	117.
9 12 39	848.	121.	119.	117.	119.	119.	119.	620.4	LOW	123.3	117.	118.	118.
9 12 44	848.	121.	117.	117.	115.	121.	122.	663.6	LOW	120.7	117.	119.	117.
9 12 49	848.	120.	120.	116.	115.	122.	121.	778.7	LOW	119.4	117.	118.	118.
9 12 54	848.	119.	118.	116.	116.	123.	123.	780.0	LOW	120.1	117.	118.	117.
9 12 59	848.	120.	118.	116.	116.	119.	123.	848.0	LOW	118.0	117.	118.	117.
9 13 4	848.	120.	120.	117.	115.	125.	124.	848.0	LOW	118.4	116.	118.	119.
9 13 9	848.	120.	120.	117.	115.	127.	124.	848.0	LOW	120.1	116.	119.	121.
9 13 14	848.	121.	121.	117.	113.	132.	127.	848.0	LOW	120.1	116.	119.	121.
9 13 19	848.	121.	120.	117.	118.	133.	127.	848.0	LOW	120.1	116.	119.	121.
9 13 29	848.	121.	120.	120.	121.	137.	128.	848.0	LOW	120.7	119.	121.	116.
9 13 34	848.	121.	121.	120.	113.	138.	120.	848.0	LOW	121.0	119.	113.	119.
9 13 39	848.	123.	123.	121.	122.	141.	130.	848.0	LOW	122.6	119.	123.	121.
9 13 39	848.	121.	122.	123.	122.	143.	132.	848.0	LOW	122.6	120.	122.	122.
9 13 44	848.	122.	120.	126.	127.	147.	132.	848.0	LOW	126.1	123.	126.	127.
9 13 49	848.	122.	120.	126.	127.	147.	135.	833.0	LOW	120.7	125.	127.	123.
9 13 59	848.	121.	121.	127.	130.	141.	137.	821.0	LOW	120.7	127.	130.	128.
9 14 12	848.	121.	122.	127.	123.	145.	138.	798.9	LOW	123.0	129.	132.	129.
9 14 9	848.	123.	122.	129.	136.	149.	140.	819.1	LOW	123.3	132.	136.	133.
9 14 9	848.	123.	122.	129.	136.	149.	141.	817.8	LOW	124.6	133.	137.	132.
9 14 14	848.	123.	123.	128.	137.	150.	143.	801.2	LOW	125.2	136.	141.	134.
9 14 19	848.	123.	122.	131.	139.	150.	144.	788.3	LOW	125.6	137.	141.	135.
9 14 24	848.	122.	121.	135.	133.	148.	136.	848.0	LOW	124.6	139.	143.	139.
9 14 29	848.	123.	123.	137.	148.	150.	141.	838.4	LOW	125.2	140.	145.	140.
9 14 34	848.	122.	123.	139.	143.	150.	141.	839.7	LOW	127.2	145.	149.	145.
9 14 40	848.	121.	122.	140.	144.	150.	147.	843.8	LOW	129.1	145.	151.	146.
9 14 45	848.	121.	122.	143.	143.	151.	147.	848.0	LOW	126.5	147.	152.	149.
9 14 50	848.	121.	123.	143.	149.	151.	148.	843.8	LOW	127.8	148.	153.	148.
9 14 55	848.	123.	121.	145.	152.	154.	148.	840.9	LOW	125.9	152.	158.	152.
9 15 0	848.	120.	121.	146.	153.	154.	149.	844.5	LOW	127.8	153.	159.	154.
9 15 5	848.	121.	123.	148.	156.	154.	154.	848.0	LOW	127.2	154.	160.	152.
9 15 10	848.	121.	122.	149.	155.	154.	154.	848.0	LOW	128.1	156.	161.	151.
9 15 15	848.	123.	123.	151.	157.	156.	157.	844.8	LOW	130.4	160.	164.	156.
9 15 20	848.	122.	124.	152.	151.	155.	150.	844.1	LOW	131.7	160.	166.	157.
9 15 25	848.	123.	123.	154.	164.	153.	152.	843.0	LOW	131.1	163.	167.	163.
9 15 30	848.	122.	123.	154.	164.	153.	152.	839.0	LOW	132.0	163.	168.	168.
9 15 35	848.	122.	123.	156.	166.	157.	152.	848.0	LOW	131.7	165.	171.	165.
9 15 40	848.	121.	123.	158.	168.	157.	152.	839.0	LOW	132.4	166.	171.	166.
9 15 45	848.	120.	122.	155.	172.	161.	156.	842.2	LOW	134.3	173.	176.	170.
9 15 50	848.	123.	124.	156.	164.	157.	154.	845.1	LOW	132.0	171.	176.	170.

TIME M/M/S	EC 91 MAINT CON UT	AF 15 TEMP FUEL INLET HYD COOLER JTL	AF 16 TEMP FUEL OUTLET HYD COOLER JTL	AF 14 TEMP OIL OUTLET FUEL COOLER L/HENG	AF 20 TEMP OIL OUTLET A/B COOLER L/HENG	SP 3 TEMP HYD OIL OUTLET UTL PUMP	SP 7 TEMP HYD OIL OUTLET PRIMARY PJMP	AF 7 TEMP FUEL INLET MAIN FUEL L/HENG	AF 8 TEMP FUEL MAIN OUTLET L/HENG	AF 9 TEMP FUEL INLET A/B FUEL L/HENG	AF 22 TEMP OIL TANK L/HENG	AF 27 TEMP OIL INLET AIR-OL COOLER L/HENG	AF 28 TEMP OIL OUTLET AIR-OL COOLER L/HENG
9 15 55	848.	127.	130.	158.	169.	150.	151.	848.0	LOW	128.5	171.	174.	165.
9 15 5	848.	124.	125.	159.	168.	154.	153.	832.0	LOW	134.6	174.	180.	172.
9 16 10	848.	117.	117.	158.	177.	150.	153.	830.0	LOW	142.1	180.	185.	180.
9 16 15	848.	116.	118.	159.	178.	157.	155.	813.3	LOW	148.8	181.	186.	179.
9 16 20	848.	120.	117.	163.	174.	149.	152.	788.3	LOW	158.2	180.	185.	176.
9 16 25	848.	116.	119.	163.	179.	153.	157.	761.7	LOW	158.5	182.	185.	178.
9 16 35	848.	116.	125.	170.	167.	152.	147.	719.7	LOW	152.4	178.	183.	177.
9 16 40	848.	117.	122.	170.	174.	153.	147.	755.4	LOW	159.6	182.	187.	182.
9 16 45	848.	123.	121.	171.	176.	152.	149.	617.9	LOW	157.5	178.	191.	182.
9 16 50	848.	119.	122.	163.	180.	154.	151.	608.6	LOW	154.5	183.	193.	186.
9 16 55	848.	118.	122.	164.	188.	160.	154.	617.9	LOW	148.8	196.	200.	189.
9 17 0	848.	125.	123.	177.	191.	160.	152.	607.7	LOW	142.4	199.	201.	193.
9 17 5	848.	125.	125.	174.	185.	153.	147.	635.7	LOW	136.9	194.	198.	186.
9 17 10	848.	123.	122.	183.	187.	152.	149.	614.7	LOW	135.9	196.	202.	183.
9 17 16	848.	121.	120.	173.	191.	156.	152.	602.9	LOW	141.4	208.	206.	196.
9 17 21	848.	126.	126.	185.	192.	153.	151.	625.5	LOW	145.1	282.	204.	201.
9 17 26	848.	123.	122.	194.	188.	154.	150.	641.5	LOW	134.0	199.	205.	199.
9 17 31	848.	121.	122.	193.	194.	157.	150.	595.6	LOW	142.1	207.	215.	203.
9 17 36	848.	122.	121.	197.	194.	155.	148.	615.6	LOW	141.7	211.	217.	207.
9 17 41	848.	121.	122.	201.	188.	149.	149.	635.1	LOW	149.2	211.	211.	214.
9 17 46	848.	124.	126.	202.	192.	152.	149.	636.3	LOW	145.0	211.	217.	212.
9 17 51	848.	116.	127.	208.	196.	152.	146.	659.3	LOW	136.9	209.	219.	209.
9 17 56	848.	116.	123.	203.	193.	157.	150.	636.7	LOW	135.6	216.	216.	214.
9 18 1	848.	123.	121.	210.	198.	156.	153.	602.6	LOW	142.4	219.	223.	218.
9 18 6	848.	125.	124.	206.	201.	157.	150.	619.8	LOW	144.0	224.	224.	216.
9 18 11	848.	121.	123.	207.	197.	158.	153.	639.5	LOW	141.7	225.	225.	217.
9 18 16	848.	121.	122.	204.	202.	151.	148.	641.4	LOW	144.0	220.	225.	221.
9 18 21	848.	121.	126.	210.	200.	158.	146.	663.8	LOW	148.9	225.	226.	226.
9 18 26	848.	123.	127.	210.	203.	156.	148.	664.5	LOW	144.0	222.	227.	223.
9 18 31	848.	123.	127.	211.	204.	154.	151.	633.2	LOW	148.8	222.	226.	221.
9 18 41	848.	125.	120.	207.	205.	159.	153.	647.5	LOW	147.9	225.	231.	226.
9 18 46	848.	121.	117.	208.	213.	166.	158.	606.9	LOW	154.4	237.	235.	230.
9 18 51	848.	124.	123.	212.	210.	160.	155.	651.5	LOW	146.6	231.	236.	238.
9 18 56	807.	129.	127.	216.	208.	156.	152.	631.9	LOW	138.2	221.	233.	225.
9 19 1	746.	128.	127.	215.	210.	157.	152.	661.7	LOW	138.5	224.	232.	227.
9 19 11	787.	127.	130.	216.	213.	152.	151.	675.4	LOW	138.8	228.	233.	227.
9 19 16	777.	126.	128.	213.	216.	154.	154.	680.5	LOW	141.1	231.	237.	229.
9 19 21	725.	121.	119.	217.	214.	161.	152.	650.4	LOW	153.7	233.	243.	239.
9 19 26	788.	123.	121.	219.	206.	158.	151.	664.2	LOW	149.5	231.	241.	235.
9 19 31	733.	125.	123.	217.	205.	160.	152.	674.1	LOW	150.5	232.	242.	238.
9 19 36	735.	117.	122.	218.	210.	161.	152.	653.6	LOW	153.4	234.	243.	239.
9 19 41	735.	122.	119.	214.	217.	163.	152.	683.1	LOW	155.0	241.	248.	242.
9 19 46	708.	120.	123.	209.	220.	166.	160.	687.7	LOW	149.5	246.	249.	242.
9 19 51	708.	120.	122.	211.	226.	161.	161.	686.1	LOW	151.1	246.	251.	241.
9 19 57	670.	119.	121.	221.	218.	164.	154.	699.1	LOW	157.6	244.	249.	249.

TIME M/N/S	EC 91 MAINT CON UT	AF 15 TEMP FUEL INLET HYD COOLER UTL	AF 15 TEMP FUEL OUTLET HYD COOLER UTL	AF 19 TEMP OIL OUTLET FUEL COOLER L/HENG	AF 20 TEMP OIL OUTLET A/B COOLER L/HENG	SP 3 TEMP HYD OIL OUTLET UTL PUMP	SP 7 TEMP HYD OIL OUTLET PRIMARY PUMP	AF 7 TEMP FUEL INLET MAIN FUELCT L/HENG	AF 8 TEMP FUEL MAIN CONTROL OUTLET L/HENG	AF 9 TEMP FUEL A/B FUELCT L/HENG	AF 22 TEMP OIL TANK L/HENG	AF 27 TEMP OIL INLET AIR-OL COOLER L/HENG	AF 28 TEMP OIL OUTLET AIR-OL COOLER L/HENG
9 20 2	633.	121.	123.	224.	217.	162.	148.	711.6	LOM	153.4	242.	247.	244.
9 20 7	690.	119.	122.	215.	224.	170.	157.	661.9	LOM	160.2	248.	253.	253.
9 20 12	703.	123.	125.	221.	222.	165.	156.	693.0	LOM	151.4	244.	249.	246.
9 20 17	642.	117.	117.	221.	223.	165.	156.	687.8	LOM	157.6	246.	252.	245.
9 20 22	561.	123.	122.	223.	223.	164.	157.	719.3	LOM	151.1	244.	248.	242.
9 20 27	576.	123.	126.	220.	213.	170.	154.	765.9	LOM	145.8	244.	253.	242.
9 20 32	268.	127.	127.	222.	222.	163.	153.	761.1	LOM	151.1	246.	255.	249.
9 20 37	-95.	125.	124.	224.	228.	164.	150.	709.4	LOM	155.6	249.	255.	251.
9 20 42	+737856.	122.	122.	226.	228.	164.	157.	719.3	LOM	151.1	244.	252.	242.
9 20 47	-125.	128.	126.	231.	223.	162.	155.	776.1	LOM	143.4	244.	253.	244.
9 20 52	-118.	124.	124.	220.	227.	165.	151.	759.1	LOM	147.9	246.	257.	244.
9 20 57	-145.	127.	127.	230.	225.	162.	154.	806.3	LOM	148.9	245.	256.	244.
9 21 2	+737856.	127.	128.	232.	225.	162.	159.	803.7	LOM	153.1	251.	258.	251.
9 21 7	LOM	125.	128.	224.	237.	169.	157.	811.4	LOM	150.8	252.	256.	250.
9 21 17	LOM	125.	127.	228.	233.	167.	164.	810.8	LOM	155.0	254.	263.	256.
9 21 17	LOM	118.	121.	220.	236.	170.	164.	779.7	LOM	156.9	259.	261.	255.
9 21 22	LOM	121.	121.	230.	233.	166.	160.	840.3	LOM	147.2	249.	253.	249.
9 21 27	LOM	127.	128.	232.	231.	163.	152.	795.7	LOM	158.8	251.	259.	258.
9 21 32	LOM	126.	126.	233.	230.	162.	152.	755.6	LOM	154.1	253.	265.	260.
9 21 37	LOM	117.	121.	230.	236.	170.	155.	755.9	LOM	151.8	259.	262.	258.
9 21 47	LOM	118.	122.	232.	233.	167.	155.	785.8	LOM	157.6	257.	262.	255.
9 21 52	LOM	121.	123.	242.	235.	162.	156.	806.3	LOM	152.4	255.	268.	262.
9 21 57	+737856.	124.	126.	243.	245.	160.	161.	826.2	LOM	157.6	268.	266.	262.
9 22 2	+800000.	121.	125.	236.	245.	170.	162.	819.4	LOM	158.2	264.	268.	263.
9 22 7	-47.	119.	120.	240.	244.	167.	163.	818.5	LOM	162.8	264.	268.	263.
9 22 12	11.	118.	120.	239.	244.	169.	151.	820.4	LOM	159.5	261.	268.	263.
9 22 17	63.	122.	124.	235.	247.	172.	164.	805.6	LOM	160.5	263.	271.	266.
9 22 22	49.	117.	122.	230.	249.	171.	165.	814.6	LOM	160.2	266.	263.	264.
9 22 33	-119.	119.	123.	239.	243.	172.	163.	817.8	LOM	162.4	264.	263.	264.
9 22 33	-39.	123.	121.	239.	249.	172.	161.	812.4	LOM	156.3	258.	268.	259.
9 22 38	37.	125.	125.	251.	240.	160.	153.	830.0	LOM	151.4	257.	268.	259.
9 22 43	19.	126.	127.	251.	241.	162.	154.	837.7	LOM	168.6	264.	270.	265.
9 22 48	-30.	121.	119.	244.	233.	158.	150.	804.7	LOM	165.0	264.	271.	263.
9 22 53	-37.	118.	121.	242.	245.	178.	165.	828.1	LOM	159.5	265.	270.	265.
9 22 58	-67.	124.	124.	244.	256.	163.	163.	826.5	LOM	157.8	263.	269.	263.
9 23 3	-77.	126.	126.	246.	252.	168.	160.	821.7	LOM	153.1	263.	268.	261.
9 23 8	-107.	128.	128.	250.	246.	165.	158.	816.6	LOM	157.3	261.	269.	263.
9 23 13	-111.	127.	126.	251.	245.	167.	158.	837.1	LOM	156.9	266.	275.	265.
9 23 18	-141.	123.	125.	245.	252.	167.	162.	835.8	LOM	167.9	263.	272.	264.
9 23 23	-77.	119.	124.	246.	249.	166.	159.	819.8	LOM	166.6	263.	273.	264.
9 23 28	-91.	116.	121.	248.	249.	170.	159.	814.6	LOM	166.6	269.	273.	268.
9 23 33	-113.	117.	120.	249.	250.	169.	158.	818.5	LOM	166.6	263.	271.	264.
9 23 38	-112.	124.	124.	249.	252.	167.	157.	815.0	LOM	164.1	269.	271.	264.
9 23 43	+737856.	119.	124.	250.	249.	167.	160.	828.1	LOM	151.8	266.	272.	263.
9 23 48	LOM	124.	124.	254.	243.	167.	160.	807.9	LOM	160.5	266.	274.	260.
9 23 53	LOM	121.	125.	248.	251.	169.	160.	797.3	LOM	160.2	266.	272.	260.
9 23 58	+737856.	121.	123.	254.	254.	167.	159.	800.2	LOM	158.2	268.	273.	267.

TIME M/M/S	EC MAINT CON UT	AF 15 TEMP FUEL INLET HYD COOLER JTL	AF 15 TEMP FUEL OUTLET HYD COOLER JTL	AF 13 TEMP OIL OUTLET FUEL COOLER L/MENG	AF 20 TEMP OIL OUTLET A/H COOLER L/MENG	SP TEMP HYD OIL OUTLET UTL PUMP	SP TEMP OIL OUTLET UTL PUMP	AF 7 TEMP FUEL INLET MAIN FUELCT L/MENG	AF 7 TEMP FUEL MAIN CONTRL OUTLET L/MENG	AF 3 TEMP FUEL INLET A/H FUELCT L/MENG	AF 22 TEMP OIL TANK L/MENG	AF 27 TEMP OIL INLET AIR-OL COOLER L/MENG	AF 23 TEMP OIL OUTLET AIR-OL COOLER L/MENG
9 24 8	-80.	124.	120.	251.	231.	166.	157.	787.0	LOW	104.7	278.	274.	266.
9 24 13	-62.	122.	118.	248.	232.	159.	164.	779.0	LOW	107.6	271.	275.	278.
9 24 23	-57.	125.	124.	254.	246.	162.	156.	755.6	LOW	104.7	266.	273.	273.
9 24 23	-16.	124.	123.	254.	249.	166.	156.	767.3	LOW	107.6	269.	275.	272.
9 24 23	43.	129.	128.	266.	257.	165.	159.	763.3	LOW	105.4	274.	280.	274.
9 28 16	304.	127.	127.	268.	263.	169.	155.	758.5	LOW	106.6	275.	279.	274.
9 28 21	117.	121.	120.	258.	260.	167.	156.	738.6	LOW	177.6	279.	282.	281.
9 28 34	116.	124.	121.	260.	261.	167.	159.	728.1	LOW	174.1	276.	280.	277.
9 28 31	138.	127.	124.	270.	261.	164.	152.	749.8	LOW	104.7	275.	276.	274.
9 28 36	112.	126.	127.	269.	266.	167.	156.	748.9	LOW	107.3	277.	279.	275.
9 28 41	37.	132.	129.	273.	263.	163.	155.	733.8	LOW	102.3	271.	278.	269.
9 28 46	36.	125.	124.	268.	264.	166.	159.	714.5	LOW	170.3	275.	281.	273.
9 28 56	19.	119.	121.	253.	257.	173.	130.	714.5	LOW	179.5	284.	282.	281.
9 29 1	-5.	119.	120.	260.	265.	171.	160.	706.8	LOW	174.9	285.	284.	281.
9 29 6	-2.	121.	121.	266.	270.	167.	163.	728.0	LOW	172.5	288.	285.	279.
9 29 11	-21.	121.	123.	268.	272.	170.	153.	735.4	LOW	173.4	288.	285.	273.
9 29 16	LOW	120.	132.	270.	265.	159.	158.	770.4	LOW	166.0	277.	276.	273.
9 29 21	LOW	123.	126.	266.	265.	170.	158.	742.8	LOW	178.9	280.	281.	276.
9 29 26	LOW	123.	128.	268.	268.	172.	161.	778.4	LOW	169.9	280.	281.	276.
9 29 31	+737856.	123.	125.	268.	271.	172.	162.	748.9	LOW	172.0	282.	283.	278.
9 29 31	LOW	121.	127.	265.	273.	173.	165.	739.6	LOW	176.4	287.	285.	281.
9 29 36	LOW	121.	124.	265.	270.	171.	161.	734.4	LOW	178.9	284.	284.	279.
9 29 41	LOW	124.	122.	262.	263.	168.	155.	738.6	LOW	177.9	278.	281.	278.
9 29 47	LOW	124.	122.	262.	263.	171.	159.	728.6	LOW	176.4	281.	283.	277.
9 29 52	LOW	123.	122.	268.	268.	169.	155.	730.6	LOW	177.0	281.	285.	276.
9 29 55	LOW	120.	122.	263.	263.	169.	155.	718.1	LOW	177.3	282.	285.	278.
9 30 2	LOW	121.	122.	265.	268.	173.	160.	683.7	LOW	180.2	283.	286.	279.
9 30 7	-133.	119.	116.	263.	263.	169.	160.	649.8	LOW	181.3	284.	286.	281.
9 30 12	+737856.	117.	115.	261.	268.	170.	157.	715.1	LOW	164.7	275.	279.	275.
9 30 17	LOW	132.	131.	272.	272.	167.	159.	725.1	LOW	170.9	279.	281.	279.
9 30 22	LOW	127.	127.	268.	258.	171.	154.	722.2	LOW	178.9	275.	278.	273.
9 30 27	LOW	130.	128.	275.	261.	163.	154.	718.7	LOW	167.3	273.	270.	273.
9 30 32	LOW	128.	126.	271.	261.	167.	153.	729.3	LOW	167.3	277.	270.	273.
9 30 37	LOW	126.	126.	274.	261.	163.	153.	729.3	LOW	174.7	279.	277.	276.
9 30 42	LOW	125.	124.	268.	264.	168.	155.	693.4	LOW	178.3	278.	283.	279.
9 30 47	LOW	123.	124.	263.	264.	177.	154.	702.3	LOW	178.6	283.	285.	282.
9 30 52	LOW	121.	123.	264.	264.	185.	158.	702.3	LOW	173.1	276.	279.	273.
9 30 57	LOW	127.	127.	267.	261.	139.	158.	748.8	LOW	173.1	276.	279.	274.
9 31 2	LOW	138.	130.	269.	261.	169.	159.	738.3	LOW	172.5	276.	280.	278.
9 31 7	LOW	124.	125.	271.	265.	172.	151.	729.3	LOW	171.8	279.	280.	278.
9 31 12	LOW	124.	125.	267.	263.	172.	162.	729.6	LOW	175.7	279.	282.	278.
9 31 17	LOW	127.	125.	268.	262.	172.	163.	722.9	LOW	175.1	278.	281.	276.
9 31 22	LOW	127.	124.	268.	264.	171.	161.	745.0	LOW	172.1	279.	280.	278.
9 31 27	LOW	127.	123.	265.	272.	180.	155.	722.2	LOW	171.4	283.	283.	278.
9 31 32	LOW	127.	127.	271.	268.	175.	163.	734.1	LOW	169.2	278.	281.	276.
9 31 37	LOW	127.	127.	271.	268.	180.	167.	721.6	LOW	177.0	288.	289.	281.
9 31 42	LOW	116.	123.	271.	270.	175.	167.	738.3	LOW	172.5	288.	289.	281.
9 31 47	LOW	122.	126.	274.	263.	171.	167.	728.9	LOW	175.1	280.	281.	275.
9 31 52	LOW	127.	123.	272.	263.	171.	167.	719.3	LOW	177.0	281.	281.	277.
9 31 57	LOW	126.	124.	270.	263.	172.	155.	717.1	LOW	177.0	288.	286.	284.
9 31 57	LOW	117.	121.	262.	275.	180.	172.		LOW	184.1			

[illegible]

TIME H/M/S	EC 91 MAINT CON JT	AF 15 TEMP FUEL INLET HYD COOLER JTL	AF 15 TEMP FUEL OUTLET HYD COOLER JTL	AF 13 TEMP OIL OUTLET FUEL COOLER L/HENG	AF 20 TEMP OIL OUTLET A/9 COOLER L/HENG	SP TEMP HYD OIL UTL PUMP	SP TEMP HYD OIL UTL PUMP	SP TEMP HYD OIL UTL PUMP	AF 7 TEMP FUEL INLET FUEL FUEL L/HENG	AF 6 TEMP FUEL MAIN OUTLET L/HENG	AF 3 TEMP FUEL A/9 FUEL L/HENG	AF 22 TEMP OIL TANK L/HENG	AF 27 TEMP OIL INLET AIR-OL COOLER L/HENG	AF 28 TEMP OIL OUTLET AIR-OL COOLER L/HENG
9 36 9	LOW	136.	137.	285.	273.	177.	177.	174.	731.9	LOW	168.6	279.	282.	281.
9 36 14	LOW	136.	137.	285.	257.	174.	174.	170.	735.3	LOW	168.3	278.	281.	277.
9 36 19	LOW	128.	132.	283.	278.	180.	180.	174.	788.1	LOW	159.2	286.	288.	283.
9 36 24	LOW	121.	125.	277.	276.	181.	181.	171.	697.8	LOW	181.2	288.	298.	287.
9 36 29	LOW	120.	123.	262.	286.	188.	188.	173.	679.2	LOW	184.8	294.	293.	291.
9 36 34	LOW	128.	129.	272.	277.	181.	181.	158.	700.1	LOW	174.4	289.	288.	286.
9 36 44	LOW	139.	134.	274.	278.	174.	174.	167.	720.9	LOW	164.1	283.	283.	272.
9 36 49	LOW	137.	134.	273.	278.	174.	174.	153.	730.2	LOW	166.6	288.	281.	274.
9 36 54	LOW	133.	124.	281.	263.	178.	178.	161.	688.9	LOW	188.9	284.	288.	281.
9 36 59	LOW	123.	121.	276.	273.	176.	176.	155.	688.2	LOW	186.1	290.	291.	288.
9 37 4	LOW	116.	121.	278.	267.	173.	173.	161.	678.3	LOW	186.7	285.	288.	288.
9 37 9	LOW	116.	119.	273.	272.	177.	177.	165.	658.7	LOW	189.8	289.	284.	298.
9 37 9	LOW	127.	128.	273.	273.	179.	179.	159.	704.3	LOW	178.9	288.	288.	285.
9 37 14	LOW	127.	129.	273.	282.	179.	179.	158.	704.9	LOW	175.4	288.	289.	285.
9 37 19	LOW	125.	138.	272.	277.	188.	188.	157.	694.6	LOW	177.8	288.	298.	285.
9 37 24	LOW	126.	128.	276.	271.	175.	175.	162.	690.1	LOW	178.9	286.	288.	284.
9 37 29	LOW	124.	123.	283.	267.	174.	174.	162.	676.8	LOW	182.2	288.	288.	283.
9 37 34	LOW	122.	120.	275.	272.	177.	177.	152.	667.7	LOW	189.3	290.	292.	289.
9 37 40	LOW	118.	118.	279.	275.	178.	178.	165.	654.9	LOW	198.4	291.	298.	291.
9 37 45	LOW	118.	118.	277.	274.	176.	176.	163.	663.5	LOW	193.5	285.	294.	289.
9 37 50	LOW	134.	125.	276.	265.	175.	175.	165.	675.4	LOW	188.2	285.	289.	281.
9 37 55	LOW	125.	121.	271.	269.	182.	182.	173.	659.7	LOW	186.7	290.	294.	287.
9 38 0	LOW	134.	134.	288.	269.	178.	178.	177.	710.8	LOW	167.3	288.	288.	273.
9 38 5	LOW	127.	138.	273.	277.	187.	187.	184.	686.3	LOW	175.4	288.	287.	281.
9 38 10	LOW	123.	123.	280.	278.	176.	176.	178.	670.9	LOW	183.5	289.	288.	288.
9 38 15	LOW	122.	122.	282.	265.	178.	178.	172.	658.4	LOW	184.4	288.	290.	287.
9 38 20	LOW	131.	135.	288.	275.	190.	190.	185.	641.2	LOW	169.9	288.	288.	281.
9 38 25	LOW	129.	135.	283.	277.	193.	193.	185.	684.7	LOW	169.9	287.	289.	282.
9 38 30	LOW	134.	132.	283.	261.	189.	189.	179.	639.8	LOW	172.5	278.	288.	288.
9 38 35	LOW	129.	127.	288.	265.	191.	191.	192.	642.8	LOW	178.3	283.	285.	285.
9 38 40	LOW	138.	136.	282.	268.	179.	179.	188.	703.8	LOW	167.9	281.	284.	279.
9 38 45	LOW	138.	133.	282.	264.	178.	178.	182.	672.8	LOW	173.8	282.	286.	281.
9 38 50	LOW	116.	119.	268.	280.	191.	191.	185.	648.8	LOW	198.6	297.	293.	297.
9 38 55	LOW	121.	121.	264.	282.	192.	192.	186.	635.1	LOW	187.8	295.	308.	294.
9 39 0	LOW	128.	128.	284.	267.	188.	188.	155.	605.1	LOW	177.8	286.	289.	285.
9 39 5	LOW	132.	130.	284.	267.	178.	178.	156.	668.3	LOW	172.5	282.	288.	281.
9 39 10	LOW	113.	111.	273.	281.	189.	189.	179.	625.5	LOW	192.5	294.	299.	293.
9 39 20	LOW	117.	117.	269.	282.	189.	189.	180.	638.6	LOW	187.7	294.	293.	291.
9 39 20	LOW	118.	119.	283.	271.	182.	182.	172.	641.4	LOW	198.6	294.	292.	292.
9 47 6	LOW	119.	118.	278.	278.	181.	181.	158.	538.4	LOW	189.6	308.	302.	298.
9 47 11	LOW	129.	132.	285.	282.	169.	169.	152.	492.6	LOW	167.9	292.	293.	288.
9 47 16	LOW	130.	132.	287.	280.	168.	168.	154.	478.2	LOW	182.2	294.	298.	289.
9 48 25	LOW	138.	138.	274.	276.	157.	157.	147.	487.6	LOW	178.3	292.	296.	293.
9 48 30	LOW	127.	130.	282.	235.	168.	168.	137.	459.5	LOW	179.6	298.	301.	298.
9 48 35	LOW	120.	119.	283.	293.	176.	176.	155.	407.7	LOW	184.8	308.	303.	304.
10 0 22	LOW	129.	126.	288.	289.	171.	171.	158.	248.4	LOW	188.3	308.	308.	304.
10 0 27	LOW	127.	121.	294.	283.	176.	176.	156.	50.2	LOW	195.1	312.	315.	311.
10 0 32	LOW	124.	124.	308.	283.	174.	174.	164.	63.3	LOW	197.1	312.	315.	318.
10 0 37	LOW	121.	126.	288.	297.	173.	173.	155.	134.3	LOW	173.1	304.	317.	299.

TIME H/M/S	EC 91 MAINT CON UT	AF 15 TEMP FUEL INLET HYD COOLER JTL	AF 15 TEMP FUEL OUTLET HYD COOLER JTL	AF 19 TEMP OIL OUTLET FUEL COOLER L/HENG	AF 20 TEMP OIL OUTLET A/B COOLER L/HENG	SP TEMP HYD OIL OUTLET UTL PUMP	S2 TEMP HYD OIL OUTLET PRTRY PUMP	AF 7 TEMP FUEL INLET MAIN FUELCT L/HENG	AF 8 TEMP FUEL MAIN OUTLET L/HENG	AF 3 TEMP FUEL INLET A/B FUELCT L/HENG	AF 22 TEMP OIL TANK L/HENG	AF 27 TEMP OIL INLET AIR-JL COOLER L/HENG	AF 28 TEMP OIL OUTLET AIR-OL COOLER L/HENG
10 0 42	LOM	120.	124.	290.	297.	177.	155.	125.6	LOM	177.3	307.	310.	302.
10 0 47	LOM	125.	130.	298.	299.	168.	159.	136.2	LOM	175.1	303.	299.	297.
10 0 52	LOM	121.	126.	291.	293.	173.	162.	121.0	LOM	180.6	309.	306.	303.
10 0 57	LOM	126.	124.	296.	296.	174.	155.	128.5	LOM	178.3	307.	311.	304.
10 1 2	LOM	127.	125.	297.	297.	175.	151.	107.0	LOM	187.0	312.	314.	309.
10 1 12	LOM	128.	127.	299.	299.	174.	160.	77.8	LOM	197.7	314.	315.	312.
10 1 17	LOM	125.	123.	298.	298.	175.	159.	94.1	LOM	193.2	316.	317.	311.
10 1 22	LOM	130.	-77.	280.	286.	174.	160.	54.9	LOM	196.4	312.	319.	312.
10 1 27	LOM	127.	21.	288.	287.	175.	151.	73.8	LOM	194.1	312.	319.	313.
10 1 32	LOM	129.	119.	275.	282.	176.	151.	68.6	LOM	195.8	313.	319.	312.
10 1 37	LOM	132.	125.	275.	282.	172.	150.	60.4	LOM	196.1	316.	319.	310.
10 1 42	LOM	128.	124.	277.	285.	178.	163.	37.9	LOM	190.6	316.	319.	312.
10 1 47	LOM	127.	115.	287.	286.	175.	153.	62.7	LOM	181.9	307.	315.	314.
10 1 52	LOM	131.	125.	278.	280.	173.	163.	47.7	LOM	191.2	317.	324.	314.
10 1 57	LOM	116.	106.	299.	295.	168.	158.	55.9	LOM	196.7	317.	321.	314.
10 2 2	LOM	124.	107.	298.	283.	168.	157.	142.1	LOM	169.2	306.	307.	301.
10 2 7	LOM	137.	134.	286.	271.	160.	145.	110.2	LOM	165.7	303.	307.	300.
10 2 13	LOM	138.	138.	287.	273.	161.	147.	92.8	LOM	180.2	306.	307.	306.
10 2 18	LOM	143.	139.	287.	273.	158.	154.	76.1	LOM	181.9	304.	308.	304.
10 2 23	LOM	138.	128.	288.	275.	164.	155.	51.6	LOM	182.8	311.	311.	303.
10 2 28	LOM	121.	121.	276.	284.	165.	153.	45.4	LOM	190.3	313.	315.	308.
10 2 33	LOM	129.	128.	279.	275.	164.	155.	64.0	LOM	178.3	301.	304.	296.
10 2 38	LOM	116.	121.	291.	298.	178.	158.	28.5	LOM	180.9	305.	310.	304.
10 2 43	LOM	126.	121.	294.	298.	168.	157.	60.0	LOM	182.2	316.	320.	314.
10 2 48	LOM	138.	133.	294.	284.	162.	146.	58.2	LOM	178.0	311.	317.	307.
10 2 53	LOM	134.	138.	299.	283.	164.	151.	51.6	LOM	180.9	309.	299.	305.
10 2 58	LOM	135.	137.	293.	283.	166.	152.	69.9	LOM	172.5	307.	304.	303.
10 3 3	LOM	138.	138.	293.	293.	164.	150.	51.3	LOM	181.5	306.	307.	307.
10 3 8	LOM	131.	129.	296.	296.	171.	160.	17.3	LOM	186.7	309.	311.	310.
10 3 13	LOM	119.	116.	296.	310.	170.	167.	22.2	LOM	185.1	314.	316.	312.
10 3 18	LOM	127.	127.	296.	310.	171.	167.	45.1	LOM	178.3	317.	317.	312.
10 3 23	LOM	132.	127.	296.	310.	171.	167.	31.5	LOM	183.0	314.	316.	310.
10 3 28	LOM	133.	130.	296.	298.	174.	162.	12.4	LOM	190.6	316.	322.	312.
10 3 33	LOM	133.	130.	296.	298.	171.	162.	16.3	LOM	189.9	314.	314.	312.
10 3 38	LOM	130.	130.	288.	288.	166.	149.	40.5	LOM	188.6	310.	314.	309.
10 3 43	LOM	132.	132.	295.	294.	168.	150.	58.2	LOM	179.6	309.	312.	307.
10 3 48	LOM	129.	134.	295.	294.	176.	151.	39.8	LOM	175.1	321.	323.	316.
10 3 53	LOM	129.	132.	298.	293.	172.	159.	29.3	LOM	178.3	317.	317.	311.
10 4 3	LOM	129.	132.	298.	293.	169.	161.	55.5	LOM	180.9	312.	314.	299.
10 4 8	LOM	129.	132.	298.	293.	172.	157.	51.9	LOM	181.9	312.	314.	302.
10 4 13	LOM	130.	131.	297.	293.	175.	155.	63.4	LOM	180.9	311.	312.	305.

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TIME H/M/S	PR 7 TEMP L/HENG COMPT TOP FWD STAG50	PR 8 TEMP L/HENG COMPT BOT FWD STAG50	PR 9 TEMP L/HENG COMPT INBD FWD STAG50	PR 10 TEMP L/HENG COMPT OUTBD FWD STAG50	PR 11 TEMP L/HENG COMPT TOP AFT STAG70	PR 12 TEMP L/HENG COMPT BOT AFT STAG70	AF 17 FUEL OUTLET FUEL COOLER L/HENG	PR 16 TEMP HYD OIL INLET UTL PUMP	SP 9 TEMP HYD OIL INLET COOLER	SP 10 TEMP HYD OIL OUTLET UTC COOLER	EC 98 TEMP AMB FIN TIP COMPT	AF 31 TEMP SKIN MASS TAIL L/H STAG87	AF 38 TEMP SKIN MASS TAIL R/H STAG87
9 51 48	124.	120.	122.	122.	125.	118.	117.	117.	128.	*000000.	126.	127.	128.
9 11 53	123.	121.	121.	123.	125.	117.	117.	117.	129.	LOM	123.	125.	128.
9 51 58	123.	120.	121.	121.	125.	116.	117.	117.	129.	LOM	124.	127.	128.
9 12 4	123.	119.	121.	121.	125.	118.	117.	117.	129.	LOM	123.	128.	128.
9 12 9	123.	120.	121.	121.	125.	117.	117.	117.	132.	LOM	125.	120.	128.
9 12 14	124.	120.	121.	121.	124.	117.	118.	117.	132.	LOM	128.	120.	129.
9 12 19	123.	120.	121.	121.	123.	117.	118.	118.	132.	LOM	127.	127.	128.
9 12 24	125.	120.	121.	123.	123.	115.	115.	115.	132.	LOM	125.	127.	129.
9 12 29	124.	126.	121.	122.	124.	110.	116.	118.	132.	LOM	126.	127.	129.
9 12 34	123.	120.	122.	122.	121.	117.	118.	119.	133.	LOM	125.	124.	128.
9 12 39	123.	119.	121.	120.	122.	116.	118.	118.	134.	LOM	125.	124.	128.
9 12 44	123.	120.	122.	116.	125.	119.	117.	117.	134.	LOM	124.	129.	128.
9 12 49	121.	120.	122.	119.	125.	119.	117.	120.	135.	LOM	124.	127.	128.
9 12 54	123.	120.	122.	116.	125.	119.	117.	121.	137.	LOM	125.	127.	120.
9 12 59	122.	120.	123.	113.	126.	119.	118.	119.	137.	LOM	125.	127.	120.
9 13 4	123.	121.	122.	123.	127.	119.	118.	123.	136.	LOM	119.	127.	126.
9 13 9	124.	120.	122.	123.	127.	120.	118.	123.	137.	LOM	123.	127.	130.
9 13 14	124.	121.	122.	123.	128.	116.	116.	126.	137.	LOM	126.	127.	127.
9 13 19	125.	121.	122.	125.	129.	119.	117.	127.	139.	LOM	126.	126.	128.
9 13 29	125.	116.	124.	127.	132.	124.	121.	132.	139.	LOM	126.	127.	131.
9 13 34	125.	119.	124.	123.	131.	124.	121.	133.	141.	LOM	127.	127.	130.
9 13 39	124.	122.	123.	123.	128.	125.	124.	134.	140.	LOM	128.	129.	127.
9 13 44	125.	123.	123.	125.	128.	125.	126.	136.	140.	LOM	121.	128.	127.
9 13 49	121.	118.	124.	126.	127.	126.	128.	138.	141.	LOM	125.	128.	128.
9 13 59	116.	125.	124.	126.	127.	126.	128.	138.	141.	LOM	124.	128.	128.
9 14 12	128.	123.	124.	127.	127.	127.	138.	139.	141.	LOM	126.	127.	122.
9 14 9	127.	125.	125.	128.	127.	128.	132.	141.	144.	LOM	125.	127.	120.
9 14 14	126.	126.	125.	127.	120.	120.	133.	141.	145.	LOM	126.	127.	128.
9 14 19	125.	125.	125.	127.	128.	120.	135.	142.	149.	LOM	125.	128.	128.
9 14 24	127.	127.	125.	123.	129.	129.	135.	142.	147.	LOM	126.	127.	128.
9 14 29	128.	126.	126.	129.	129.	131.	137.	141.	144.	LOM	124.	127.	128.
9 14 34	128.	123.	127.	129.	129.	132.	142.	143.	146.	LOM	126.	127.	127.
9 14 40	128.	124.	127.	130.	130.	132.	143.	144.	146.	LOM	124.	126.	127.
9 14 45	131.	126.	127.	132.	123.	135.	144.	147.	145.	LOM	123.	127.	126.
9 14 50	129.	126.	126.	130.	123.	135.	142.	146.	146.	LOM	124.	127.	127.
9 14 55	120.	126.	126.	130.	123.	137.	149.	147.	148.	LOM	119.	120.	127.
9 15 0	128.	120.	127.	130.	129.	139.	149.	144.	149.	LOM	122.	127.	127.
9 15 5	128.	128.	127.	131.	129.	139.	150.	147.	149.	LOM	125.	127.	128.
9 15 10	128.	127.	127.	131.	129.	140.	150.	147.	149.	LOM	125.	127.	127.
9 15 15	130.	128.	126.	130.	132.	141.	153.	148.	150.	LOM	125.	127.	127.
9 15 20	129.	127.	126.	130.	132.	142.	154.	148.	150.	LOM	125.	127.	127.
9 15 25	120.	127.	120.	130.	131.	142.	155.	148.	152.	LOM	125.	127.	127.
9 15 30	129.	128.	128.	131.	131.	140.	156.	149.	151.	*000000.	125.	127.	127.
9 15 35	128.	128.	131.	132.	131.	145.	157.	149.	151.	LOM	124.	126.	127.
9 15 40	127.	128.	130.	131.	133.	145.	158.	150.	152.	LOM	124.	127.	126.
9 15 45	124.	125.	127.	123.	127.	139.	155.	149.	148.	LOM	125.	127.	126.
9 15 50	124.	127.	127.	125.	127.	140.	162.	151.	150.	LOM	124.	128.	126.

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TIME H/M/S	PR 7 TEMP L/HENG COMPT TOP FWD STA650	PR 8 TEMP L/HENG COMPT BOT FWD STA650	PR 9 TEMP L/HENG COMPT INBD FWD STA650	PR 10 TEMP L/HENG COMPT OUTBD FWD STA650	PR 11 TEMP L/HENG COMPT TOP AFT STA770	PR 12 TEMP L/HENG COMPT BOT AFT STA770	AF 17 TEMP FUEL OUTLET FUELOR COOLER L/4ENG	PR 16 TEMP HYD OIL INLET UTL PUMP	SP 9 TEMP HYD OIL INLET COOLER	SP 10 TEMP HYD OIL OUTLET JTC COOLER	EC 98 TEMP AMB FIN TIP COMPT	AF 37 TEMP SKIN MASS TAIL L/W STA607	AF 38 TEMP SKIN MASS TAIL R/W STA607
9 20 2	138.	148.	145.	145.	140.	202.	231.	166.	163.	159.	123.	121.	123.
9 20 7	138.	145.	140.	136.	138.	201.	239.	166.	158.	150.	123.	121.	116.
9 20 12	136.	144.	141.	140.	136.	197.	232.	172.	162.	154.	123.	125.	122.
9 20 17	145.	152.	143.	146.	141.	204.	235.	167.	163.	149.	123.	121.	126.
9 20 22	148.	148.	138.	143.	139.	197.	230.	175.	165.	152.	123.	130.	129.
9 20 27	127.	143.	139.	134.	136.	195.	228.	178.	165.	158.	123.	130.	122.
9 20 32	130.	141.	138.	136.	133.	196.	227.	188.	165.	154.	124.	124.	129.
9 20 37	130.	144.	134.	134.	133.	203.	234.	171.	165.	154.	121.	124.	127.
9 20 42	137.	148.	141.	139.	143.	198.	223.	183.	171.	160.	121.	129.	138.
9 20 47	139.	147.	141.	139.	143.	195.	229.	175.	168.	158.	122.	128.	129.
9 20 52	129.	145.	145.	141.	143.	206.	229.	182.	168.	155.	121.	129.	129.
9 21 2	133.	145.	139.	134.	136.	188.	228.	180.	169.	156.	122.	128.	128.
9 21 7	126.	147.	134.	138.	139.	194.	230.	178.	163.	158.	125.	129.	126.
9 21 17	131.	148.	136.	136.	136.	202.	231.	179.	164.	158.	124.	127.	126.
9 21 22	142.	152.	144.	142.	140.	207.	237.	174.	167.	152.	125.	126.	128.
9 21 27	132.	153.	146.	142.	142.	203.	224.	180.	170.	160.	122.	128.	127.
9 21 32	136.	154.	147.	143.	142.	214.	238.	172.	162.	153.	125.	127.	124.
9 21 37	145.	155.	149.	145.	140.	209.	239.	174.	166.	158.	121.	127.	125.
9 21 47	143.	153.	148.	142.	137.	213.	236.	178.	166.	159.	121.	126.	127.
9 21 52	145.	154.	149.	143.	141.	207.	236.	178.	164.	154.	124.	129.	128.
9 21 57	143.	153.	148.	142.	133.	203.	243.	178.	164.	153.	124.	128.	127.
9 22 2	136.	147.	143.	134.	137.	207.	246.	178.	164.	151.	123.	126.	126.
9 22 7	144.	151.	148.	145.	145.	212.	246.	177.	165.	152.	124.	126.	116.
9 22 12	144.	150.	147.	143.	141.	208.	240.	178.	165.	154.	124.	128.	121.
9 22 17	134.	147.	142.	135.	141.	244.	242.	179.	165.	152.	124.	127.	126.
9 22 22	137.	141.	142.	137.	138.	206.	245.	178.	162.	152.	121.	127.	126.
9 22 27	140.	145.	145.	140.	140.	218.	245.	177.	164.	154.	121.	127.	127.
9 22 32	148.	148.	146.	148.	136.	214.	237.	179.	169.	160.	121.	128.	127.
9 22 37	140.	152.	152.	146.	137.	212.	232.	182.	168.	161.	121.	125.	125.
9 22 42	149.	151.	151.	146.	137.	217.	244.	174.	169.	157.	123.	125.	126.
9 22 47	143.	152.	149.	142.	142.	213.	243.	179.	169.	156.	124.	127.	128.
9 22 52	139.	149.	146.	138.	142.	205.	242.	184.	170.	155.	123.	128.	129.
9 22 57	145.	145.	142.	140.	137.	204.	238.	180.	171.	157.	122.	128.	136.
9 23 2	132.	143.	144.	135.	135.	206.	232.	191.	172.	158.	121.	130.	131.
9 23 7	137.	147.	145.	139.	136.	212.	235.	186.	171.	159.	122.	128.	129.
9 23 12	142.	151.	148.	143.	140.	210.	240.	191.	169.	154.	123.	128.	127.
9 23 17	140.	143.	143.	137.	133.	202.	241.	185.	171.	156.	123.	128.	126.
9 23 22	140.	147.	140.	137.	139.	210.	247.	176.	165.	156.	123.	127.	125.
9 23 27	143.	150.	148.	148.	142.	214.	247.	177.	167.	156.	124.	127.	126.
9 23 32	144.	149.	148.	148.	143.	216.	244.	178.	169.	158.	124.	127.	126.
9 23 37	143.	151.	151.	145.	143.	218.	235.	193.	170.	157.	123.	130.	131.
9 23 42	144.	150.	150.	143.	143.	206.	242.	187.	167.	156.	124.	129.	123.
9 23 47	136.	145.	147.	138.	132.	210.	242.	187.	167.	160.	123.	128.	127.
9 23 52	139.	144.	147.	136.	138.	221.	241.	187.	170.	161.	123.	128.	127.
9 23 57	148.	157.	154.	148.	148.	213.	241.	187.	170.	157.	122.	129.	127.
9 24 2	143.	149.	149.	137.	133.	213.	241.	187.	170.	157.	122.	129.	127.

TIME H/M/S	PR 7 TEMP L/HENG COMPT TOP FWD STA650	PR 8 TEMP L/HENG COMPT 30T FWD STA650	PR 3 TEMP L/HENG COMPT INWD FWD STA650	PR 10 TEMP L/HENG COMPT OUTBD FWD STA650	PR 11 TEMP L/HENG COMPT TOP AFT STA770	PR 12 TEMP L/HENG COMPT BOT AFT STA770	AF 17 TEAP FUEL OUTLET COOLER L/HENG	PR 16 TEMP MYU OIL INLET PUMP	SP 9 TEMP MYU OIL INLET COOLER	SP 10 TEMP MYU OIL OUTLET UTC COOLER	EC 90 TEMP AMB FIN TIP COMPT	AF 37 TEMP SKIN MASS TAIL L/H STA607	AF 30 TEMP SKIN MASS TAIL R/H STA607
9 24 0	146.	152.	149.	143.	143.	215.	240.	102.	174.	160.	121.	120.	127.
9 24 13	144.	152.	149.	141.	142.	217.	244.	102.	172.	156.	122.	127.	124.
9 24 23	145.	156.	152.	143.	141.	223.	237.	101.	172.	158.	123.	132.	126.
9 24 23	143.	153.	152.	142.	137.	219.	239.	100.	170.	150.	122.	129.	126.
9 20 16	134.	149.	149.	126.	137.	208.	239.	207.	171.	160.	121.	130.	131.
9 20 21	139.	152.	152.	135.	133.	214.	241.	202.	171.	163.	121.	130.	130.
9 20 34	136.	152.	150.	132.	133.	216.	244.	193.	172.	163.	125.	116.	127.
9 20 31	139.	152.	151.	135.	140.	214.	243.	196.	175.	163.	125.	122.	127.
9 20 36	145.	155.	156.	143.	141.	215.	242.	190.	174.	160.	123.	129.	120.
9 20 41	130.	151.	152.	138.	137.	211.	244.	198.	171.	163.	122.	130.	129.
9 20 46	139.	153.	152.	141.	140.	212.	236.	207.	178.	163.	121.	130.	130.
9 20 56	139.	151.	150.	137.	140.	213.	242.	202.	176.	161.	123.	129.	129.
9 20 1	136.	147.	148.	132.	134.	211.	239.	197.	169.	150.	124.	120.	127.
9 20 6	134.	149.	149.	130.	136.	212.	245.	197.	170.	150.	124.	127.	127.
9 20 11	130.	145.	145.	130.	134.	202.	230.	201.	169.	152.	122.	127.	129.
9 20 16	132.	146.	146.	131.	134.	201.	251.	202.	166.	152.	123.	120.	129.
9 20 21	136.	149.	154.	136.	136.	210.	242.	203.	172.	161.	121.	130.	129.
9 20 26	130.	147.	150.	135.	136.	209.	247.	203.	170.	157.	123.	129.	128.
9 20 31	131.	146.	149.	130.	130.	207.	250.	204.	162.	155.	123.	130.	127.
9 20 36	129.	149.	144.	116.	134.	200.	252.	203.	169.	156.	123.	129.	120.
9 20 41	136.	150.	149.	127.	137.	209.	252.	199.	159.	157.	124.	129.	128.
9 20 47	136.	150.	153.	130.	141.	217.	244.	196.	175.	150.	125.	129.	120.
9 20 52	136.	152.	149.	135.	130.	209.	240.	201.	171.	156.	124.	129.	127.
9 20 55	142.	152.	155.	139.	141.	215.	251.	195.	172.	163.	125.	129.	127.
9 30 2	137.	147.	151.	133.	130.	212.	251.	190.	170.	155.	122.	129.	120.
9 30 7	139.	151.	149.	134.	141.	214.	252.	190.	175.	156.	125.	120.	120.
9 30 12	130.	149.	149.	133.	130.	212.	253.	197.	170.	155.	125.	120.	127.
9 30 17	136.	152.	151.	130.	130.	210.	230.	211.	175.	164.	123.	130.	131.
9 30 22	135.	147.	149.	132.	137.	210.	242.	207.	169.	160.	122.	129.	129.
9 30 27	136.	150.	155.	142.	141.	219.	240.	203.	170.	171.	123.	131.	130.
9 30 32	140.	158.	154.	140.	144.	219.	240.	203.	176.	160.	123.	129.	120.
9 30 37	146.	155.	158.	143.	139.	213.	240.	206.	170.	160.	121.	129.	120.
9 30 42	142.	154.	155.	137.	139.	215.	245.	202.	172.	165.	123.	127.	129.
9 30 47	143.	156.	155.	132.	142.	219.	245.	190.	176.	163.	125.	126.	120.
9 30 52	130.	150.	152.	130.	137.	215.	250.	200.	171.	150.	125.	127.	127.
9 31 2	147.	156.	156.	142.	145.	210.	242.	204.	168.	167.	124.	120.	120.
9 31 7	146.	157.	154.	143.	146.	210.	242.	204.	168.	160.	124.	120.	129.
9 31 12	143.	149.	156.	137.	140.	221.	245.	200.	160.	160.	125.	133.	120.
9 31 17	146.	154.	154.	141.	141.	219.	247.	198.	161.	169.	125.	129.	127.
9 31 22	139.	151.	152.	141.	141.	219.	245.	203.	165.	171.	123.	120.	129.
9 31 32	131.	144.	146.	138.	137.	215.	250.	206.	165.	165.	123.	129.	129.
9 31 37	134.	149.	149.	135.	136.	210.	244.	209.	163.	169.	123.	130.	130.
9 31 42	131.	145.	144.	130.	126.	203.	249.	206.	170.	158.	123.	120.	120.
9 31 47	136.	149.	152.	130.	132.	207.	246.	206.	179.	164.	123.	129.	120.
9 31 52	144.	160.	150.	141.	141.	217.	244.	203.	164.	171.	123.	129.	129.
9 31 57	143.	160.	150.	140.	144.	220.	245.	201.	169.	169.	123.	129.	120.
9 31 57	130.	151.	151.	134.	136.	213.	256.	201.	173.	160.	125.	120.	120.

TIME H/M/S	PR 7 TEMP L/HENG COMPT TOP FWD STA650	PR 8 TEMP L/HENG COMPT TOP FWD STA650	PR 9 TEMP L/HENG COMPT INBD FWD STA650	PR 10 TEMP L/HENG COMPT OUTBD FWD STA650	PR 11 TEMP L/HENG COMPT TOP AFT STA770	PR 12 TEMP L/HENG COMPT BOT AFT STA770	AF 17 TEMP FUEL OUTLET FUELOIL COOLER L/HENG	PR 16 TEMP HYD OIL INLET JTL PUMP	SP 9 TEMP HYD OIL INLET COOLER	SP 10 TEMP HYD OIL OUTLET UTC COOLER	EC 98 TEMP AMB FIN TIP COMPT	AF 37 TEMP SKIN MASS TAIL L/H STA687	AF 38 TEMP SKIN MASS TAIL R/H STA687
9 32 2	139.	151.	151.	135.	133.	215.	254.	202.	177.	161.	124.	120.	120.
9 32 7	132.	149.	147.	132.	134.	216.	253.	209.	172.	159.	123.	129.	129.
9 32 12	132.	156.	140.	132.	134.	205.	250.	209.	176.	160.	123.	129.	129.
9 32 17	133.	150.	152.	131.	131.	207.	249.	209.	174.	161.	123.	129.	129.
9 32 22	134.	149.	149.	130.	133.	206.	250.	209.	175.	163.	122.	129.	129.
9 32 28	132.	152.	149.	132.	132.	213.	249.	212.	178.	163.	122.	129.	129.
9 32 33	135.	156.	154.	136.	134.	212.	245.	209.	180.	167.	122.	129.	129.
9 32 38	129.	149.	152.	128.	130.	209.	250.	210.	174.	161.	123.	131.	130.
9 32 43	136.	153.	155.	136.	133.	210.	246.	210.	177.	165.	122.	131.	130.
9 32 48	144.	161.	158.	145.	142.	216.	242.	208.	185.	171.	123.	129.	127.
9 32 53	138.	155.	153.	136.	138.	211.	249.	209.	182.	164.	123.	131.	128.
9 32 58	134.	149.	151.	127.	133.	210.	252.	209.	170.	160.	124.	126.	128.
9 33 3	134.	148.	150.	130.	134.	206.	251.	211.	172.	168.	123.	128.	129.
9 33 8	132.	152.	151.	129.	136.	211.	249.	205.	176.	160.	125.	128.	128.
9 33 13	136.	156.	156.	135.	137.	216.	244.	208.	179.	166.	124.	129.	129.
9 33 18	145.	157.	160.	140.	140.	220.	249.	204.	178.	167.	125.	130.	128.
9 33 23	143.	157.	159.	148.	140.	219.	252.	202.	177.	165.	125.	130.	128.
9 33 28	139.	158.	158.	140.	137.	212.	244.	214.	180.	168.	123.	133.	130.
9 33 33	137.	155.	155.	136.	134.	209.	246.	215.	179.	165.	123.	132.	130.
9 33 38	128.	152.	150.	130.	132.	210.	249.	210.	178.	160.	116.	129.	129.
9 33 43	133.	152.	150.	130.	134.	213.	250.	208.	176.	159.	119.	129.	129.
9 33 48	138.	158.	158.	130.	138.	218.	254.	206.	175.	161.	125.	128.	128.
9 33 53	141.	161.	160.	135.	137.	222.	250.	204.	179.	166.	125.	128.	128.
9 33 58	131.	153.	156.	132.	132.	211.	250.	211.	176.	165.	123.	132.	130.
9 34 3	136.	152.	156.	132.	134.	212.	253.	208.	172.	161.	123.	131.	129.
9 34 8	136.	156.	157.	140.	138.	212.	241.	213.	182.	169.	122.	132.	130.
9 34 13	142.	160.	158.	140.	140.	218.	245.	209.	182.	167.	119.	131.	130.
9 34 18	141.	161.	158.	138.	144.	223.	249.	201.	180.	169.	123.	128.	128.
9 34 23	141.	160.	158.	138.	141.	222.	252.	202.	178.	166.	124.	127.	127.
9 34 28	144.	160.	161.	137.	142.	224.	259.	203.	172.	168.	125.	130.	128.
9 34 33	140.	157.	158.	131.	140.	220.	255.	204.	174.	162.	125.	129.	127.
9 34 38	138.	156.	158.	139.	137.	211.	242.	217.	178.	166.	121.	132.	130.
9 34 43	139.	157.	158.	139.	136.	211.	245.	219.	178.	164.	122.	129.	130.
9 34 48	144.	158.	156.	137.	141.	217.	258.	208.	174.	158.	127.	130.	128.
9 34 53	143.	158.	157.	138.	141.	218.	259.	207.	173.	160.	126.	128.	128.
9 34 58	132.	152.	153.	136.	133.	206.	243.	217.	180.	165.	121.	130.	132.
9 35 4	138.	156.	157.	140.	136.	212.	245.	214.	179.	165.	122.	130.	130.
9 35 9	128.	152.	151.	132.	127.	208.	244.	220.	176.	167.	121.	133.	132.
9 35 14	135.	158.	154.	134.	133.	217.	250.	210.	174.	166.	123.	130.	130.
9 35 19	144.	157.	158.	138.	145.	233.	256.	139.	175.	165.	124.	127.	127.
9 35 24	146.	162.	160.	142.	145.	233.	248.	204.	179.	169.	125.	129.	128.
9 35 29	139.	160.	160.	134.	140.	223.	258.	204.	170.	158.	125.	128.	129.
9 35 34	144.	166.	157.	140.	144.	228.	252.	204.	175.	164.	125.	128.	128.
9 35 39	145.	167.	159.	143.	148.	230.	254.	204.	176.	171.	126.	127.	127.
9 35 44	148.	167.	159.	146.	150.	230.	253.	202.	178.	169.	125.	128.	128.
9 35 49	138.	158.	153.	143.	136.	213.	237.	219.	184.	175.	122.	128.	132.
9 35 54	138.	158.	154.	143.	137.	214.	233.	219.	180.	178.	122.	131.	132.
9 35 59	127.	151.	149.	129.	127.	207.	251.	219.	167.	165.	122.	132.	129.
9 36 4	133.	155.	152.	132.	136.	217.	255.	209.	172.	164.	122.	130.	128.

TIME W/M/S	PR 7 TEMP L/HENG COMPT TOP FWJ STA550	PR 8 TEMP L/HENG COMPT BOT FWJ STA550	PR 9 TEMP L/HENG COMPT INBD FWJ STA650	PR 10 TEMP L/HENG COMPT OUTBD FWJ STA650	PR 11 TEMP L/HENG COMPT TOP AFI STA770	PR 12 TEMP L/HENG COMPT BOT AFI STA770	AF 17 TEMP FUEL OUTLET COOLER L/HENG	PR 16 TEMP HYD OIL INLET UTL PUMP	SP 9 TEMP HYD OIL INLET COOLER	SP 10 TEMP HYD OIL OUTLET UTL COOLER	EC 9d TEMP AMB FIN TIP COMPT	AF 37 TEMP SKIN MASS TAIL L/H STA687	AF 3d TEMP SKIN MASS TAIL R/H STA687
9 36 9	139.	155.	156.	136.	130.	214.	238.	224.	189.	173.	123.	134.	132.
9 36 14	141.	160.	157.	142.	141.	218.	237.	225.	191.	177.	122.	134.	132.
9 36 19	135.	149.	152.	136.	132.	206.	246.	224.	180.	168.	123.	130.	133.
9 36 24	130.	154.	154.	138.	137.	217.	253.	212.	170.	166.	125.	130.	129.
9 36 29	133.	141.	147.	126.	134.	214.	256.	213.	172.	160.	125.	131.	129.
9 36 34	135.	148.	144.	131.	134.	214.	246.	219.	180.	168.	124.	131.	131.
9 36 44	133.	147.	149.	134.	130.	235.	239.	223.	189.	176.	123.	134.	132.
9 36 49	136.	158.	153.	138.	132.	210.	242.	226.	191.	173.	122.	133.	132.
9 36 54	149.	164.	164.	150.	149.	228.	256.	209.	179.	175.	121.	130.	126.
9 36 59	147.	160.	158.	144.	145.	235.	256.	209.	182.	167.	118.	130.	126.
9 37 4	146.	165.	160.	143.	150.	235.	254.	205.	179.	163.	125.	129.	128.
9 37 9	144.	168.	156.	148.	147.	229.	254.	205.	179.	165.	123.	133.	131.
9 37 9	127.	143.	149.	121.	126.	207.	251.	221.	172.	165.	123.	133.	129.
9 37 14	128.	142.	147.	127.	127.	204.	251.	221.	175.	165.	123.	133.	129.
9 37 19	140.	140.	147.	127.	125.	205.	251.	221.	172.	162.	125.	134.	131.
9 37 24	130.	152.	153.	130.	130.	216.	248.	217.	179.	170.	124.	132.	131.
9 37 29	132.	160.	157.	138.	149.	230.	252.	209.	178.	169.	125.	130.	127.
9 37 34	151.	162.	159.	149.	150.	231.	254.	210.	179.	175.	126.	130.	127.
9 37 39	163.	165.	160.	145.	158.	233.	262.	202.	175.	183.	124.	127.	126.
9 37 45	158.	161.	161.	144.	143.	234.	259.	203.	175.	162.	125.	128.	125.
9 37 50	152.	166.	164.	152.	152.	231.	244.	212.	184.	167.	124.	129.	129.
9 37 55	146.	160.	160.	142.	148.	228.	253.	210.	177.	163.	125.	129.	129.
9 38 0	137.	154.	160.	139.	136.	218.	236.	221.	186.	175.	123.	131.	132.
9 38 5	135.	151.	155.	133.	136.	210.	244.	220.	182.	168.	124.	131.	132.
9 38 10	151.	167.	169.	149.	147.	231.	246.	206.	183.	171.	124.	130.	128.
9 38 15	147.	166.	167.	148.	145.	220.	245.	207.	185.	173.	123.	130.	129.
9 38 20	137.	147.	159.	136.	134.	210.	242.	226.	187.	176.	123.	133.	133.
9 38 25	142.	165.	167.	144.	141.	229.	232.	210.	196.	189.	122.	132.	130.
9 38 30	144.	167.	168.	140.	145.	232.	239.	212.	193.	185.	124.	131.	129.
9 38 35	136.	160.	162.	138.	136.	216.	233.	220.	199.	185.	121.	132.	130.
9 38 40	143.	165.	166.	141.	141.	222.	237.	217.	200.	182.	126.	129.	127.
9 38 45	142.	159.	161.	135.	141.	226.	260.	208.	182.	167.	126.	129.	126.
9 38 50	139.	155.	159.	132.	140.	223.	256.	212.	184.	167.	126.	130.	129.
9 38 55	150.	170.	170.	151.	145.	227.	242.	213.	196.	180.	123.	131.	130.
9 39 0	147.	168.	160.	148.	144.	223.	237.	217.	198.	182.	123.	131.	130.
9 39 5	145.	157.	164.	139.	147.	225.	260.	198.	180.	165.	127.	127.	127.
9 39 10	140.	156.	160.	131.	141.	222.	257.	208.	182.	166.	126.	128.	129.
9 39 20	154.	157.	171.	145.	141.	235.	256.	203.	193.	168.	124.	131.	126.
9 39 20	146.	153.	165.	136.	144.	229.	258.	206.	176.	161.	125.	130.	127.
9 47 6	147.	167.	172.	150.	147.	226.	240.	230.	180.	172.	123.	133.	132.
9 47 11	147.	165.	170.	144.	147.	220.	248.	221.	174.	163.	124.	130.	128.
9 47 16	141.	164.	168.	142.	139.	224.	246.	226.	171.	160.	124.	131.	128.
9 48 25	141.	161.	165.	134.	140.	227.	252.	221.	172.	160.	124.	131.	130.
9 48 30	144.	160.	165.	129.	145.	233.	250.	215.	164.	154.	125.	131.	129.
9 48 35	142.	161.	167.	133.	141.	227.	252.	217.	167.	152.	123.	130.	129.
10 0 22	148.	164.	169.	138.	149.	242.	262.	217.	163.	150.	123.	130.	132.
10 0 27	149.	164.	168.	139.	154.	242.	260.	216.	163.	150.	123.	130.	132.
10 0 32	154.	169.	168.	147.	154.	249.	239.	223.	180.	172.	123.	136.	133.

TIME
H/M/S

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TIME H/M/S	PR 7 TEMP L/HENG COMPT TOP FWD STA650	PR 8 TEMP L/HENG COMPT BOT FWD STA650	PR 9 TEMP L/HENG COMPT INBD FWD STA650	PR 10 TEMP L/HENG COMPT OUTBD FWD STA650	PR 11 TEMP L/HENG COMPT TOP AFT STA770	PR 12 TEMP L/HENG COMPT BOT AFT STA770	AF 17 TEMP FUEL OUT-ET FUEL CDDLER L/HENG	PR 16 TEMP HYD OIL INLET UTL PUMP	SP 9 TEMP HYD OIL UTL INLET COOLER	SP 10 TEMP HYD OIL OUTLET UTL COOLER	EC 9d TEMP AMB FIN TIP COMPT	AF 37 TEMP SKIN MASS TAIL L/M STA687	AF 38 TEMP SKIN MASS TAIL R/M STA687
10 0 42	156.	171.	169.	148.	155.	248.	241.	220.	177.	171.	122.	135.	133.
10 0 47	155.	163.	157.	138.	149.	242.	227.	229.	179.	168.	123.	134.	132.
10 0 52	159.	166.	162.	146.	151.	245.	236.	221.	175.	167.	123.	133.	124.
10 0 57	158.	167.	161.	142.	150.	239.	244.	219.	178.	172.	123.	134.	134.
10 1 2	156.	169.	163.	148.	154.	239.	240.	215.	172.	163.	124.	133.	132.
10 1 12	155.	171.	167.	153.	147.	240.	236.	212.	165.	154.	124.	132.	130.
10 1 17	145.	160.	163.	145.	149.	245.	254.	214.	168.	157.	123.	132.	131.
10 1 22	167.	169.	163.	155.	145.	239.	249.	209.	169.	154.	125.	130.	130.
10 1 27	145.	171.	164.	150.	143.	243.	249.	209.	168.	156.	125.	131.	132.
10 1 32	162.	165.	162.	152.	143.	237.	246.	209.	169.	154.	127.	131.	130.
10 1 37	137.	163.	160.	149.	136.	236.	245.	213.	167.	152.	127.	130.	132.
10 1 42	167.	170.	166.	159.	147.	242.	246.	210.	171.	158.	125.	130.	133.
10 1 47	166.	167.	162.	151.	143.	247.	250.	213.	177.	164.	124.	132.	126.
10 1 52	139.	168.	164.	154.	142.	244.	250.	213.	169.	156.	127.	131.	126.
10 1 57	145.	165.	154.	143.	140.	243.	250.	213.	166.	156.	126.	131.	126.
10 2 2	143.	161.	153.	140.	135.	240.	240.	227.	171.	168.	123.	134.	132.
10 2 7	128.	155.	145.	134.	142.	247.	223.	229.	179.	168.	123.	134.	132.
10 2 13	130.	152.	146.	141.	138.	242.	230.	220.	176.	156.	127.	132.	129.
10 2 18	126.	151.	149.	138.	132.	230.	230.	227.	168.	159.	126.	131.	129.
10 2 23	132.	158.	154.	143.	136.	236.	243.	234.	171.	153.	127.	130.	130.
10 2 28	143.	167.	155.	139.	132.	259.	225.	216.	166.	152.	126.	130.	129.
10 2 33	137.	163.	155.	141.	141.	247.	236.	219.	165.	152.	127.	131.	133.
10 2 38	152.	169.	167.	156.	147.	248.	260.	217.	166.	151.	126.	130.	132.
10 2 43	143.	162.	157.	146.	144.	239.	257.	227.	177.	166.	125.	132.	133.
10 2 48	132.	155.	150.	132.	136.	224.	253.	232.	174.	163.	125.	132.	132.
10 2 53	133.	151.	150.	137.	137.	224.	259.	233.	168.	152.	125.	131.	126.
10 3 3	134.	147.	150.	139.	141.	224.	255.	235.	168.	159.	126.	132.	128.
10 3 8	136.	151.	155.	140.	142.	224.	254.	235.	174.	165.	126.	132.	130.
10 3 13	133.	154.	154.	139.	140.	221.	255.	231.	168.	150.	126.	132.	130.
10 3 18	141.	161.	161.	144.	143.	237.	257.	226.	165.	155.	128.	128.	124.
10 3 23	131.	152.	151.	132.	142.	228.	253.	224.	172.	160.	126.	130.	134.
10 3 28	137.	157.	160.	140.	141.	233.	258.	225.	169.	155.	126.	131.	132.
10 3 33	145.	163.	169.	149.	143.	239.	259.	221.	165.	154.	126.	128.	130.
10 3 38	146.	166.	170.	151.	144.	235.	255.	221.	163.	152.	125.	129.	132.
10 3 43	138.	160.	163.	141.	138.	224.	244.	210.	152.	150.	124.	130.	127.
10 3 48	141.	168.	161.	138.	142.	231.	238.	230.	161.	152.	127.	130.	130.
10 3 53	149.	172.	175.	149.	140.	245.	245.	236.	155.	149.	125.	136.	133.
10 4 3	147.	166.	171.	145.	144.	239.	242.	232.	178.	156.	125.	134.	132.
10 4 8	141.	160.	168.	142.	139.	239.	240.	230.	172.	157.	125.	132.	132.
10 4 13	143.	159.	168.	144.	151.	237.	239.	233.	173.	164.	125.	135.	134.
10 4 18	147.	158.	172.	147.	154.	234.	240.	232.	173.	167.	124.	132.	131.

C COMMUTATOR

TIME H/M/S	PR 30 TEMP SURFAC FWD PART MOVBLE SPIKE	PR 19 AIR BLEED STARTR L/HENG	AF 31 TEMP SKIN MASS WING UPR L/HOJT	AF 32 TEMP SKIN MASS WING UPR L/MIN	AF 33 TEMP SKIN MASS WING UPR R/HOJT	AF 34 TEMP SKIN MASS	PR 4 PRESS ENGINE RATIO L/4	SP 16 VOLTS DC BUSS	AF 5 FLW FUEL L/HENG	PR 1 RPM N1 TACH SER L/HENG	PR 2 RPM N2 TACH GER L/HENG	CS 5 ATTO PITCH	CS 6 ATTO KOLL
0 57 9	119.	.536	125.	125.	124.	125.	2.589	27.69	78354.	58.	85.	0.	0.
0 57 14	118.	-.147	125.	125.	124.	125.	2.585	28.04	77980.	58.	85.	1.	1.
0 57 19	119.	-.098	128.	125.	124.	124.	2.596	28.76	78280.	107.	100.	1.	-1.
0 57 24	119.	-.171	127.	126.	124.	125.	2.592	28.79	78018.	107.	100.	2.	-1.
0 57 29	119.	-.080	127.	126.	124.	126.	2.593	28.33	78280.	92.	108.	0.	0.
0 57 42	119.	-.031	126.	126.	124.	126.	2.594	28.12	78018.	92.	135.	1.	-2.
0 57 39	119.	-.196	126.	126.	124.	125.	2.572	28.82	78280.	29.	114.	1.	1.
0 57 49	118.	-.464	126.	126.	124.	126.	2.576	28.71	78242.	39.	121.	1.	0.
0 57 54	118.	.293	125.	126.	123.	127.	2.583	24.19	77681.	58.	-14.	1.	0.
0 57 59	115.	-.049	127.	126.	123.	126.	2.589	28.98	78055.	78.	64.	0.	-1.
0 58 4	118.	-.147	126.	125.	123.	126.	2.593	28.92	77756.	49.	114.	1.	-3.
0 58 9	118.	-.244	126.	126.	123.	126.	2.586	28.71	78055.	19.	107.	1.	-1.
0 58 9	119.	.080	124.	126.	124.	124.	2.593	28.01	77756.	18.	14.	2.	-2.
0 58 14	119.	.269	125.	126.	124.	125.	2.589	27.66	78055.	54.	86.	1.	0.
0 58 19	119.	-.049	126.	126.	124.	127.	2.582	29.62	78504.	29.	57.	1.	0.
0 58 24	119.	-.147	126.	126.	124.	126.	2.570	29.22	78205.	54.	121.	0.	-1.
0 58 29	119.	.196	125.	127.	124.	125.	2.596	24.09	77906.	39.	114.	1.	-1.
0 58 34	119.	-.244	126.	127.	125.	126.	2.584	29.11	77906.	49.	78.	1.	1.
0 58 40	116.	.147	125.	125.	123.	125.	2.596	27.90	77831.	39.	-14.	1.	-1.
0 58 45	118.	-.122	126.	126.	124.	120.	2.586	26.83	77943.	34.	21.	2.	0.
0 58 50	118.	-.631	126.	121.	125.	127.	2.574	28.01	78130.	19.	86.	1.	-5.
0 58 55	119.	-.415	126.	124.	125.	127.	2.574	27.96	78493.	34.	78.	1.	-2.
0 59 0	119.	-.031	125.	127.	124.	126.	2.589	28.86	77906.	126.	86.	0.	-2.
0 59 5	119.	-.440	125.	126.	124.	126.	2.583	27.15	78055.	83.	58.	0.	0.
0 59 10	117.	-1.906	116.	126.	123.	125.	2.593	25.83	78579.	78.	143.	0.	-2.
0 59 15	118.	-.782	128.	126.	123.	125.	2.587	27.61	78285.	68.	100.	1.	-1.
0 59 20	118.	-.587	126.	127.	124.	130.	2.594	28.98	78288.	107.	171.	0.	0.
9 10 10	119.	-.293	126.	125.	125.	126.	2.589	28.25	77980.	83.	78.	1.	0.
9 10 23	117.	-.342	126.	127.	124.	126.	2.591	27.20	77986.	29.	71.	1.	-1.
9 10 28	118.	-1.173	125.	126.	124.	126.	2.585	28.94	77681.	44.	58.	1.	-1.
9 10 33	119.	-.173	125.	127.	125.	125.	2.589	27.20	77681.	68.	86.	2.	0.
9 10 38	119.	-.080	126.	126.	125.	126.	2.588	27.20	77606.	58.	36.	2.	1.
9 10 43	119.	-.611	127.	124.	123.	125.	2.572	27.20	77457.	58.	-14.	0.	-10.
9 10 53	119.	-.293	126.	126.	125.	125.	2.571	28.64	77793.	83.	64.	0.	-5.
9 10 58	118.	-.538	126.	126.	125.	125.	2.591	27.15	77980.	19.	29.	1.	0.
9 11 3	118.	-.244	125.	127.	125.	125.	2.585	27.15	77531.	58.	57.	1.	-1.
9 11 8	118.	-.635	125.	126.	125.	125.	2.574	27.31	78354.	107.	100.	0.	1.
9 11 13	119.	-.293	125.	126.	124.	123.	2.574	27.20	78055.	97.	143.	1.	1.
9 11 23	119.	-.073	125.	126.	123.	125.	2.583	28.61	78055.	88.	128.	0.	0.
9 11 28	119.	.293	126.	127.	124.	125.	2.586	27.15	77980.	73.	71.	1.	-1.
9 11 33	118.	-.415	125.	127.	124.	125.	2.572	28.29	77831.	146.	143.	1.	1.
9 11 38	118.	-.342	126.	127.	124.	125.	2.577	26.29	77719.	78.	78.	0.	-1.
9 11 43	118.	-.171	126.	123.	123.	127.	3.000	26.34	77686.	78.	71.	0.	-1.
9 11 43	119.	.098	126.	127.	123.	126.	2.591	26.13	77831.	97.	93.	1.	-2.
9 11 43	119.		125.	127.	125.	126.	2.574	28.88	77831.	68.	114.	0.	-1.

TIME MM/SS	PR 30 TEMP SURFAC FWD PART MOVABLE SPIKE	PR 19 AIR BLEED STARTR L/HENG	AF 31 TEMP SKIN MASS WING UPR L/HIN	AF 32 TEMP SKIN MASS WING UPR L/HIN	AF 33 TEMP SKIN MASS WING UPR R/HOUT	AF 34 TEMP SKIN MASS	PR 4 PRESS ENGINE RATIO L/H	SP 16 VOLTS JC BUSS	AF 5 FLOW FUEL L/HENG	PR 1 RPM N1 TACH GER L/HENG	PR 2 RPM N2 TACH GER L/HENG	CS 5 ATTJ PITCH	CS 6 ATTJ ROLL
9 51 48	119.	-0.073	126.	127.	125.	126.	2.975	26.72	77494.	73.	93.	-0.	-3.
9 51 53	117.	-0.196	126.	126.	125.	125.	2.909	27.04	77906.	60.	86.	2.	-1.
9 51 58	118.	-0.049	123.	128.	124.	125.	2.905	27.02	78130.	54.	36.	1.	-0.
9 52 4	118.	-0.196	127.	128.	124.	127.	2.991	27.37	77980.	107.	143.	0.	-2.
9 52 9	118.	-0.122	126.	126.	125.	126.	2.986	27.37	77868.	107.	114.	0.	-2.
9 52 14	117.	-0.031	125.	126.	123.	126.	2.987	27.42	77606.	78.	57.	1.	-2.
9 52 19	118.	-1.002	125.	126.	122.	126.	2.984	27.55	77868.	60.	107.	1.	-1.
9 52 24	118.	0.000	126.	126.	125.	126.	2.993	27.10	78205.	97.	43.	-0.	-0.
9 52 29	118.	-0.122	126.	126.	125.	126.	2.991	27.07	77943.	92.	78.	-0.	-1.
9 52 34	118.	-0.293	125.	126.	125.	125.	2.993	25.75	78130.	58.	57.	3.	1.
9 52 39	118.	0.944	125.	123.	125.	125.	2.983	25.75	77906.	78.	21.	1.	-0.
9 52 44	119.	21.163	130.	127.	125.	126.	2.974	26.99	77531.	29.	1103.	1.	-3.
9 52 49	119.	21.090	128.	127.	125.	126.	2.982	27.04	77793.	97.	1509.	1.	-0.
9 52 54	118.	21.065	125.	127.	130.	125.	2.994	27.31	78354.	407.	2480.	2.	0.
9 52 59	118.	21.579	125.	125.	126.	123.	2.992	26.75	78205.	506.	2495.	2.	0.
9 53 4	119.	21.701	124.	127.	125.	126.	2.943	26.99	78504.	408.	3065.	0.	1.
9 53 9	116.	21.383	125.	126.	124.	128.	2.962	27.12	78242.	949.	3370.	1.	1.
9 53 14	116.	21.554	121.	121.	123.	123.	2.958	27.04	77943.	1586.	4661.	0.	-4.
9 53 19	116.	22.043	126.	121.	126.	125.	2.965	26.83	77943.	1680.	4975.	0.	-3.
9 53 29	118.	3.812	125.	121.	124.	128.	2.945	26.45	78205.	2306.	6386.	0.	-0.
9 53 34	118.	1.760	125.	124.	124.	127.	2.947	26.85	78205.	2427.	6978.	1.	0.
9 53 39	116.	-0.201	127.	121.	127.	125.	2.941	26.67	78429.	2950.	7383.	1.	-1.
9 53 44	117.	-0.201	121.	121.	126.	123.	2.919	26.99	78392.	3167.	6681.	1.	-0.
9 53 49	119.	-0.513	125.	126.	125.	126.	2.897	26.88	78429.	4115.	10121.	1.	1.
9 53 54	119.	-0.049	125.	126.	124.	126.	2.893	26.67	78616.	4115.	10107.	1.	1.
9 54 12	118.	-0.293	126.	129.	125.	126.	2.892	26.67	78504.	4052.	10036.	0.	-0.
9 54 9	119.	-0.147	126.	127.	125.	126.	2.893	26.56	78280.	3999.	10007.	-0.	-2.
9 54 9	118.	-0.049	126.	127.	125.	126.	2.874	26.85	78541.	4020.	10114.	-0.	-1.
9 54 14	118.	-0.342	125.	124.	125.	125.	2.884	26.94	78654.	4020.	10164.	0.	0.
9 54 19	118.	-0.073	123.	125.	125.	125.	2.887	26.53	78654.	4033.	10107.	0.	0.
9 54 24	116.	-0.147	125.	127.	125.	126.	2.897	26.56	77681.	4057.	10036.	1.	-2.
9 54 29	117.	-0.73	125.	127.	125.	124.	2.887	26.85	78167.	4033.	10114.	1.	-2.
9 54 34	117.	-1.320	125.	125.	121.	125.	2.882	27.20	78429.	4086.	10192.	-0.	-1.
9 54 40	118.	-0.904	126.	126.	123.	126.	2.888	26.99	78616.	4091.	10185.	1.	0.
9 54 45	119.	-0.031	124.	127.	125.	126.	2.902	25.97	78803.	4047.	10050.	2.	-0.
9 54 50	118.	-0.513	125.	126.	125.	126.	2.901	26.51	78691.	4010.	10071.	2.	-0.
9 54 55	118.	-0.098	127.	128.	124.	125.	2.893	27.47	79102.	4115.	10192.	1.	0.
9 55 0	118.	-0.073	121.	127.	124.	125.	2.887	27.39	78378.	4081.	10192.	1.	-0.
9 55 5	120.	-0.929	127.	127.	125.	127.	2.904	26.72	78354.	3999.	10121.	2.	1.
9 55 10	120.	-1.197	126.	127.	125.	124.	2.904	27.15	78579.	4057.	10114.	2.	1.
9 55 15	120.	-0.929	125.	126.	123.	126.	2.888	26.45	77681.	4145.	10135.	1.	-2.
9 55 20	120.	-0.220	126.	126.	124.	126.	2.886	26.53	78130.	4130.	10135.	1.	-1.
9 55 25	120.	-0.733	125.	125.	124.	125.	2.893	27.31	78205.	4047.	10093.	0.	-1.
9 55 30	120.	-0.733	126.	126.	123.	125.	2.886	26.48	78579.	4041.	10121.	1.	-0.
9 55 35	118.	-0.098	127.	126.	124.	128.	2.897	27.04	78654.	4115.	10192.	1.	-1.
9 55 40	118.	-0.244	127.	126.	125.	127.	2.891	27.58	78157.	4072.	10192.	1.	-1.
9 55 45	118.	-0.031	127.	126.	124.	127.	2.878	28.49	77601.	4008.	10164.	1.	-10.
9 55 50	119.	-0.440	127.	128.	125.	127.	2.869	28.28	78157.	4047.	10143.	2.	-5.

TIME H/M/S	PR 30 TEMP SURFAC FWO PART MOVBLE SPIKE	PR 19 AIR BLEED STARTER L/HENG	AF 31 TEMP SKIN MASS WING UPR L/HOUT	AF 32 TEMP SKIN MASS WING UPR L/MIN	AF 33 TEMP SKIN MASS WING UPR R/HOUT	AF 34 TEMP SKIN MASS	PR 4 PRESS ENGINE RATIO L/4	SP 16 VOLTS DC BUSS	AF 5 FLOW FUEL L/HENG	PR 1 RPM M1 TACH SER L/HENG	PR 2 RPM M2 TACH SER L/HENG	CS 5 ATTU PITCH	CS 6 ATTU ROLL
9 15 55	122.	-342	126.	128.	125.	127.	2.859	27.31	79327.	4349.	18592.	1.	-1.
9 16 5	120.	-171	125.	127.	124.	127.	2.847	27.45	79065.	4466.	18713.	1.	-1.
9 16 10	117.	-098	125.	125.	124.	125.	2.840	28.06	79327.	4804.	11347.	1.	0.
9 16 15	118.	-259	125.	126.	125.	125.	2.835	28.09	79509.	5011.	11454.	1.	1.
9 16 20	123.	-929	123.	123.	123.	123.	2.812	28.44	79776.	5283.	11709.	1.	3.
9 16 25	121.	-073	124.	125.	123.	125.	2.797	27.96	79476.	5448.	11653.	1.	1.
9 16 35	121.	-196	123.	127.	122.	125.	2.775	27.96	79252.	5653.	12080.	1.	-1.
9 16 40	119.	0.000	123.	127.	122.	116.	2.778	27.77	79551.	5799.	12224.	1.	-1.
9 16 45	121.	-049	124.	128.	123.	116.	2.757	28.23	88808.	5945.	12545.	2.	2.
9 16 50	122.	0.000	126.	125.	125.	121.	2.756	28.17	79626.	5949.	12466.	1.	1.
9 16 55	119.	-080	125.	127.	126.	128.	2.759	28.02	79781.	5974.	12473.	1.	2.
9 17 0	119.	-489	125.	127.	125.	127.	2.759	28.49	79476.	5969.	12423.	1.	0.
9 17 5	121.	-293	124.	124.	123.	123.	2.751	27.90	79252.	5954.	12430.	0.	-1.
9 17 10	121.	-196	126.	124.	125.	125.	2.752	27.80	79402.	5945.	12423.	1.	0.
9 17 15	119.	-1369	123.	125.	125.	124.	2.746	28.01	79781.	6003.	12502.	-0.	0.
9 17 20	122.	-635	125.	125.	124.	124.	2.753	27.93	79549.	6013.	12516.	1.	-0.
9 17 25	122.	-049	116.	127.	125.	126.	2.749	27.96	79549.	6022.	12402.	2.	1.
9 17 30	118.	-244	121.	127.	123.	123.	2.751	27.72	238.	6037.	12473.	2.	1.
9 17 35	119.	-489	124.	123.	124.	123.	2.744	27.53	79102.	5954.	12382.	1.	-3.
9 17 40	119.	-635	125.	123.	125.	125.	2.750	28.04	79551.	5979.	12409.	1.	0.
9 17 45	120.	-530	124.	127.	122.	123.	2.754	27.74	79102.	5954.	12452.	1.	-5.
9 17 50	121.	-293	127.	127.	116.	125.	2.742	27.58	79482.	5945.	12459.	0.	-2.
9 17 55	121.	-147	127.	127.	120.	128.	2.746	27.63	79626.	5945.	12416.	1.	-3.
9 18 1	122.	0.000	125.	127.	124.	125.	2.737	27.90	88808.	5915.	12416.	3.	1.
9 18 6	123.	-147	124.	126.	123.	125.	2.748	28.01	79439.	5959.	12331.	0.	0.
9 18 11	122.	-440	125.	124.	125.	123.	2.753	27.53	79551.	6042.	12416.	1.	-1.
9 18 16	125.	-635	125.	125.	126.	125.	2.756	27.85	79781.	6008.	12466.	1.	1.
9 18 21	121.	-342	124.	123.	121.	125.	2.751	28.06	79476.	6013.	12438.	1.	1.
9 18 26	121.	-098	125.	124.	122.	124.	2.753	27.93	79551.	6008.	12459.	2.	1.
9 18 31	122.	-489	125.	127.	124.	125.	2.749	28.28	79.	6022.	12530.	0.	0.
9 18 41	122.	0.000	123.	124.	124.	123.	2.751	28.15	79.	6032.	12509.	1.	1.
9 18 46	120.	-293	125.	125.	115.	125.	2.737	27.63	79327.	5974.	12416.	-0.	-1.
9 18 51	121.	-562	125.	126.	120.	123.	2.749	27.96	79402.	6022.	12416.	-0.	-2.
9 19 1	126.	-391	127.	128.	127.	127.	2.749	28.04	79663.	6032.	12459.	2.	-1.
9 19 11	123.	-196	126.	128.	126.	127.	2.753	28.04	79663.	6032.	12459.	2.	-1.
9 19 16	123.	-1026	126.	127.	125.	125.	2.756	28.44	79663.	5940.	12445.	1.	0.
9 19 21	122.	-684	127.	128.	125.	126.	2.756	28.44	79663.	5940.	12445.	1.	0.
9 19 26	123.	-049	121.	125.	123.	123.	2.755	28.17	79551.	5993.	12459.	1.	1.
9 19 31	122.	-1515	125.	125.	124.	125.	2.752	27.93	79551.	5022.	12502.	1.	0.
9 19 36	121.	-1369	125.	125.	122.	123.	2.759	28.06	79895.	5940.	12416.	2.	2.
9 19 41	123.	-244	122.	124.	123.	124.	2.746	28.06	79482.	5935.	12452.	2.	1.
9 19 46	123.	-530	125.	126.	124.	125.	2.748	27.74	79439.	5935.	12445.	1.	-2.
9 19 51	123.	-391	126.	127.	125.	126.	2.757	28.44	238.	6013.	12423.	1.	-1.
9 19 56	122.	-293	126.	127.	125.	126.	2.754	28.23	48007.	6013.	12502.	1.	1.
9 19 57	117.	-1.124	116.	125.	122.	125.	2.707	28.28	79781.	5993.	12473.	2.	1.

TIME H/M/S	PR 30 TEMP SURFAC FWD PART MOVABLE SPIKE	PR 19 AIR BLEED STARTK L/HENG	AF 31 TEMP SKIN MASS WING UPR L/HOUT	AF 32 TEMP SKIN MASS WING UPR L/HIN	AF 33 TEMP SKIN MASS WING UPR R/HOUT	AF 34 TEMP SKIN MASS	PR 4 PRESS ENGINE RATIO L/4	SP 16 VOLTS DC BUSS	AF 5 FLOW FUEL L/HENG	PR 1 RPM N1 TACH GER L/HENG	PR 2 RPM N2 TACH GER L/HENG	CS 5 ATTU PITCH	CS 6 ATTU ROLL
9 20 2	120.	-782	120.	126.	122.	125.	2.737	27.88	79850.	5940.	12452.	2.	-0.
9 20 7	118.	-978	125.	128.	123.	126.	2.757	27.74	79476.	5964.	12459.	3.	2.
9 20 12	121.	-1.051	123.	128.	125.	126.	2.761	27.96	39857.	5935.	12487.	2.	1.
9 20 17	122.	1.075	123.	125.	123.	127.	2.751	28.49	79701.	6071.	12487.	1.	0.
9 20 22	123.	.513	125.	126.	125.	127.	2.752	28.25	39890.	6037.	12523.	1.	1.
9 20 27	123.	-831	128.	128.	125.	128.	2.766	28.39	79626.	5915.	12487.	2.	0.
9 20 32	123.	-440	127.	131.	125.	127.	2.761	28.47	79551.	6003.	12516.	2.	0.
9 20 37	123.	-880	128.	128.	127.	128.	2.742	28.88	79402.	5915.	12345.	-1.	-0.
9 20 42	128.	-929	126.	127.	125.	127.	2.746	27.28	79551.	5881.	12345.	-0.	-2.
9 20 47	127.	.196	127.	127.	126.	126.	2.749	27.53	79551.	5974.	12359.	1.	-1.
9 20 52	124.	-538	124.	126.	124.	126.	2.755	27.58	39855.	5803.	12423.	2.	1.
9 20 57	128.	-635	128.	128.	128.	128.	2.753	28.01	79402.	5935.	12402.	1.	0.
9 21 2	126.	-1.051	127.	127.	127.	127.	2.753	27.74	79148.	5925.	12489.	1.	-1.
9 21 7	123.	-049	128.	128.	128.	126.	2.744	27.53	79177.	6032.	12430.	-0.	-2.
9 21 17	123.	-171	129.	128.	127.	126.	2.757	27.88	79439.	6047.	12430.	1.	0.
9 21 17	121.	-049	124.	127.	121.	125.	2.742	27.58	78878.	5915.	12345.	-0.	1.
9 21 22	121.	-464	124.	125.	123.	124.	2.747	27.63	78990.	5945.	12381.	0.	-0.
9 21 27	123.	-733	132.	128.	126.	127.	2.737	27.69	79776.	5983.	12459.	2.	1.
9 21 32	124.	-391	129.	126.	125.	125.	2.744	27.90	79476.	5979.	12445.	2.	1.
9 21 37	119.	.196	125.	126.	125.	127.	2.759	28.17	79626.	5983.	12473.	1.	1.
9 21 47	121.	-196	125.	124.	123.	126.	2.771	28.04	79663.	5925.	12473.	2.	1.
9 21 52	121.	-391	123.	125.	122.	123.	2.812	28.88	79881.	5448.	11889.	1.	1.
9 21 57	122.	-244	125.	126.	124.	125.	2.818	27.20	78317.	5273.	11718.	1.	0.
9 22 2	122.	-391	128.	129.	126.	128.	2.827	27.31	79252.	5166.	11575.	1.	0.
9 22 2	125.	-391	127.	128.	125.	127.	2.830	27.55	79177.	5161.	11684.	1.	1.
9 22 7	121.	-1.662	123.	125.	125.	125.	2.821	27.90	78883.	5098.	11461.	1.	-2.
9 22 12	122.	-1.180	124.	125.	124.	125.	2.808	27.47	78990.	5074.	11475.	1.	-1.
9 22 17	121.	-978	127.	127.	125.	128.	2.832	28.23	79402.	5127.	11604.	1.	0.
9 22 22	122.	-1.002	127.	126.	122.	127.	2.830	28.15	79514.	5183.	11646.	1.	1.
9 22 35	119.	.196	127.	127.	124.	125.	2.816	27.69	78878.	5118.	11561.	0.	-1.
9 22 33	120.	.171	126.	126.	124.	127.	2.820	27.66	78878.	5147.	11561.	-0.	-1.
9 22 38	123.	-1.124	124.	126.	123.	122.	2.827	27.53	78878.	5137.	11604.	2.	2.
9 22 43	122.	-684	126.	126.	123.	124.	2.828	27.58	78728.	5127.	11548.	2.	1.
9 22 48	121.	-831	125.	123.	124.	125.	2.803	27.96	78654.	5040.	11390.	0.	-0.
9 22 53	122.	-562	126.	125.	125.	127.	2.819	28.06	79177.	5045.	11468.	1.	0.
9 22 58	124.	.342	127.	127.	121.	126.	2.813	27.85	78953.	5166.	11575.	1.	1.
9 23 3	124.	-293	127.	127.	124.	127.	2.824	28.04	79182.	5113.	11497.	1.	1.
9 23 8	125.	-635	128.	128.	127.	127.	2.827	28.06	79028.	5040.	11490.	1.	0.
9 23 13	124.	-684	126.	126.	123.	123.	2.831	27.96	79215.	5059.	11490.	1.	2.
9 23 18	128.	-342	128.	127.	128.	126.	2.823	27.26	78953.	5049.	11461.	1.	-1.
9 23 23	125.	-391	126.	127.	126.	125.	2.825	27.63	79182.	5054.	11468.	2.	-0.
9 23 28	120.	0.000	125.	126.	123.	125.	2.819	27.63	78953.	5098.	11466.	0.	-1.
9 23 33	121.	-489	125.	126.	126.	125.	2.822	27.61	78953.	5064.	11532.	1.	-1.
9 23 38	119.	.098	125.	125.	123.	125.	2.832	27.80	79551.	5147.	11547.	2.	1.
9 23 43	120.	-220	124.	126.	123.	125.	2.836	27.85	79551.	5156.	11547.	2.	0.
9 23 48	121.	-635	128.	129.	128.	126.	2.825	28.20	79551.	5127.	11490.	1.	-2.
9 23 53	121.	-293	127.	127.	126.	126.	2.826	28.17	79439.	5152.	11525.	1.	1.
9 23 58	122.	.098	125.	125.	123.	121.	2.834	27.90	79551.	5068.	11604.	1.	-5.
9 24 3	123.	.024	127.	127.	125.	123.	2.832	28.06	79364.	5108.	11589.	1.	-2.

TIME H/M/S	PR 30 TEMP SURFAC FWD PART MOBILE SPIKE	PR 19 AIR BLEED STAKTR L/HENG	AF 31 TEMP SKIN HASS WING UPR L/HOUT	AF 32 TEMP SKIN HASS WING UPR L/HIN	AF 33 TEMP SKIN HASS WING UPR R/HOUT	AF 34 TEMP SKIN HASS	PR 4 PRESS ENGINE RATIO L/4	SP 16 VOLTS JC BUSS	AF 5 FLOW FUEL L/HENG	PR 1 RPM N1 TACH GER L/HENG	PR 2 RPM N2 TACH GER L/HENG	CS 5 ATTO PITCH	CS 6 ATTO ROLL
9 24 0	123.	.147	124.	126.	118.	124.	2.832	28.28	79551.	5127.	11589.	1.	4.
9 24 13	121.	-.090	125.	126.	122.	124.	2.822	27.96	79177.	5122.	11611.	1.	2.
9 24 23	123.	-.978	127.	123.	121.	125.	2.834	27.88	79252.	5059.	11618.	2.	2.
9 24 23	122.	-1.026	124.	124.	123.	126.	2.862	27.88	79078.	4031.	10962.	1.	1.
9 28 16	126.	.293	128.	126.	120.	127.	2.897	28.86	79252.	4057.	10121.	1.	3.
9 28 21	124.	.415	127.	126.	126.	126.	2.890	27.96	79028.	4091.	10164.	2.	2.
9 28 34	123.	.293	116.	124.	125.	127.	2.902	28.23	79102.	4057.	10078.	2.	1.
9 28 31	123.	-.171	120.	124.	125.	125.	2.891	28.09	78998.	4033.	10036.	1.	1.
9 28 36	122.	-.742	127.	127.	125.	126.	2.895	28.12	78654.	4028.	10036.	2.	1.
9 28 41	123.	-.318	127.	128.	126.	127.	2.898	28.15	78915.	4042.	10057.	2.	1.
9 28 46	127.	-.293	127.	128.	125.	126.	2.893	27.85	78354.	3979.	10036.	0.	2.
9 28 56	125.	-.031	126.	122.	126.	121.	2.887	27.74	78317.	3984.	10014.	-0.	-2.
9 29 1	121.	-.635	127.	127.	126.	127.	2.882	27.47	78504.	4038.	9950.	-0.	-2.
9 29 6	123.	-1.026	127.	127.	126.	127.	2.888	27.66	78616.	4018.	9979.	0.	-1.
9 29 11	124.	-.489	127.	128.	126.	128.	2.886	27.53	78130.	3978.	9950.	0.	-3.
9 29 16	120.	-.244	127.	128.	127.	128.	2.884	27.96	78429.	3958.	9950.	1.	-2.
9 29 16	124.	-.635	130.	127.	127.	127.	2.888	27.85	78579.	3978.	9979.	1.	0.
9 29 21	124.	-.269	125.	127.	126.	127.	2.889	27.66	78616.	3984.	10007.	1.	0.
9 29 26	124.	.538	128.	128.	125.	128.	2.899	28.06	78953.	4047.	10178.	1.	4.
9 29 31	124.	.073	127.	128.	125.	127.	2.897	28.04	78953.	4052.	10105.	2.	3.
9 29 36	124.	-.391	128.	127.	126.	128.	2.884	28.06	78654.	4008.	9936.	0.	1.
9 29 41	121.	-.293	128.	127.	126.	127.	2.887	27.98	78579.	4018.	9985.	1.	-0.
9 29 47	123.	-.782	131.	125.	125.	127.	2.891	27.90	78429.	3989.	9979.	-0.	1.
9 29 52	124.	-.244	129.	126.	123.	127.	2.896	28.44	78883.	3999.	10028.	1.	0.
9 29 55	122.	-.098	126.	126.	124.	125.	2.889	27.90	77980.	3960.	9922.	1.	3.
9 30 2	124.	.489	126.	126.	125.	126.	2.897	27.90	78541.	4028.	10007.	2.	-1.
9 30 7	124.	.538	125.	126.	127.	125.	2.889	28.06	79177.	4018.	10021.	1.	1.
9 30 12	123.	.269	126.	126.	127.	126.	2.883	27.80	78841.	4038.	10086.	1.	1.
9 30 17	125.	-.635	127.	128.	125.	127.	2.901	28.17	79028.	4028.	10192.	1.	1.
9 30 22	124.	-.171	127.	128.	126.	127.	2.900	28.33	78998.	4028.	10128.	1.	1.
9 30 27	126.	0.000	127.	127.	130.	127.	2.886	28.12	78878.	4038.	10036.	1.	4.
9 30 32	125.	0.000	125.	126.	123.	127.	2.891	28.81	78915.	4057.	10057.	1.	3.
9 30 37	123.	0.000	116.	126.	116.	124.	2.895	28.39	78953.	4057.	10078.	3.	1.
9 30 42	123.	.122	121.	126.	121.	126.	2.890	28.12	78915.	4033.	10128.	2.	0.
9 30 47	121.	-.391	116.	125.	116.	126.	2.883	27.90	78288.	3999.	9858.	-0.	-2.
9 30 52	122.	-.318	121.	126.	120.	126.	2.889	28.01	78541.	4033.	9964.	0.	-1.
9 31 2	125.	-.440	127.	124.	125.	122.	2.893	27.74	78654.	4008.	10007.	1.	-5.
9 31 7	123.	-.367	127.	125.	127.	124.	2.889	27.90	78766.	4028.	10078.	2.	-3.
9 31 12	122.	-.031	123.	126.	123.	124.	2.897	28.12	79102.	4028.	10058.	1.	-2.
9 31 17	124.	-.342	125.	126.	124.	125.	2.896	28.20	78998.	4052.	10057.	1.	-0.
9 31 22	124.	-.098	126.	125.	126.	125.	2.888	27.53	78354.	3989.	9964.	0.	-3.
9 31 27	124.	-.513	127.	127.	127.	126.	2.890	27.61	78288.	3989.	9971.	0.	-3.
9 31 32	124.	-.031	120.	130.	123.	127.	2.893	28.01	79028.	4038.	10064.	2.	-0.
9 31 37	122.	-.269	128.	128.	127.	126.	2.883	27.90	79065.	4038.	10071.	2.	-3.
9 31 42	121.	-.196	127.	127.	127.	126.	2.891	27.96	78288.	3979.	9979.	1.	-3.
9 31 47	123.	-.147	127.	127.	125.	126.	2.891	27.82	78654.	4047.	10058.	1.	-3.
9 31 52	125.	-.147	127.	126.	127.	121.	2.884	27.85	78654.	4077.	10192.	1.	0.
9 31 57	124.	-.122	126.	125.	127.	124.	2.885	27.85	78883.	4145.	10192.	1.	1.
9 31 57	121.	-.049	127.	128.	126.	130.	2.893	28.28	79028.	4077.	10264.	3.	1.

TIME H/M/S	PR 30 TEMP SURFAC FWD PART HOVBLE SPIKE	PR 19 AIR BLEEO STARTR L/HENG	AF J1 TEMP SKIN MASS WING UPR L/HOJT	AF 32 TEMP SKIN MASS WING UPR L/HIN	AF 33 TEMP SKIN MASS WING UPR R/HOJT	AF 34 TEMP SKIN MASS	PR 4 PRESS ENGINE RATIO L/4	SP 16 VOLTS DC BUSS	AF 5 FLOA FUEL L/HENG	PR 1 RPA N1 TACH GER L/HENG	PR 2 RPM N2 TACH GER L/HENG	CS 5 ATTO PITC4	CS 6 ATTJ ROLL
9 32 2	122.	-513	126.	127.	126.	128.	2.898	27.93	78616.	4096.	10150.	1.	-0.
9 32 7	125.	-1.222	128.	128.	127.	127.	2.886	27.69	78878.	4115.	10150.	1.	0.
9 32 12	127.	-415	128.	128.	127.	127.	2.898	27.55	78803.	4135.	10207.	2.	-0.
9 32 17	125.	-733	128.	130.	126.	128.	2.897	27.85	78208.	4038.	10164.	0.	-0.
9 32 22	120.	-220	128.	129.	127.	127.	2.894	27.85	78728.	4091.	10105.	1.	0.
9 32 26	129.	-293	128.	128.	127.	128.	2.884	27.69	78354.	4158.	10093.	0.	-0.
9 32 31	127.	-147	128.	127.	126.	128.	2.881	27.88	78541.	4130.	10178.	1.	0.
9 32 33	124.	-587	128.	127.	127.	128.	2.878	27.83	78728.	4164.	10021.	2.	-1.
9 32 38	126.	-660	127.	129.	126.	127.	2.869	27.50	78654.	4148.	10043.	2.	-1.
9 32 43	125.	-782	128.	124.	125.	121.	2.873	27.53	78280.	4135.	10121.	1.	-1.
9 32 48	125.	-1.222	128.	128.	126.	126.	2.887	27.74	78317.	4140.	10164.	1.	-2.
9 32 53	124.	-196	128.	128.	126.	127.	2.882	27.42	78654.	4164.	10150.	0.	-1.
9 32 58	123.	-293	128.	128.	127.	126.	2.889	27.90	78915.	4179.	10235.	1.	-2.
9 33 3	124.	-1.124	128.	128.	127.	126.	2.884	27.80	78504.	4179.	10221.	1.	-1.
9 33 8	125.	-611	127.	127.	125.	126.	2.884	27.80	78177.	4077.	10180.	2.	-0.
9 33 13	124.	-244	123.	127.	125.	125.	2.886	28.06	79102.	4120.	10171.	2.	-0.
9 33 18	123.	-293	125.	128.	125.	126.	2.888	28.09	79102.	4120.	10171.	2.	-0.
9 33 23	124.	-1.417	127.	128.	127.	126.	2.889	27.69	78280.	4077.	10178.	2.	1.
9 33 28	125.	-758	127.	128.	126.	127.	2.890	27.61	78667.	4111.	10178.	2.	1.
9 33 33	121.	-293	128.	128.	126.	129.	2.890	27.30	78354.	4115.	10235.	1.	-2.
9 33 38	123.	-049	128.	128.	130.	129.	2.892	28.04	78504.	4158.	10128.	2.	-1.
9 33 43	124.	-196	127.	127.	125.	127.	2.897	27.63	78878.	4164.	10164.	1.	-2.
9 33 48	122.	-391	127.	126.	125.	127.	2.895	27.47	78504.	4115.	10093.	1.	-2.
9 33 53	125.	-684	130.	132.	126.	128.	2.886	27.84	78504.	4164.	10107.	0.	-1.
9 34 8	124.	-660	129.	129.	126.	127.	2.891	27.37	78467.	4135.	10064.	1.	-2.
9 34 13	125.	-831	127.	127.	126.	126.	2.882	27.15	78654.	4077.	10192.	1.	-1.
9 34 18	123.	-758	127.	127.	125.	121.	2.897	27.39	78554.	4077.	10064.	0.	-1.
9 34 23	125.	-538	126.	125.	125.	128.	2.895	27.74	78280.	4148.	10171.	0.	0.
9 34 28	123.	-147	126.	126.	124.	127.	2.898	27.93	78654.	4125.	10064.	1.	-1.
9 34 33	124.	-293	127.	127.	126.	127.	2.891	27.47	78504.	4096.	10064.	0.	0.
9 34 38	127.	-367	127.	127.	126.	126.	2.885	27.34	78579.	4096.	10064.	1.	1.
9 34 43	127.	-1.613	127.	128.	127.	126.	2.893	27.90	79102.	4077.	10064.	1.	-0.
9 34 48	125.	-369	128.	129.	127.	126.	2.898	28.12	78728.	4004.	9957.	1.	0.
9 34 53	125.	-049	127.	127.	127.	127.	2.897	27.85	79102.	4028.	10150.	1.	0.
9 34 58	127.	-269	126.	127.	127.	127.	2.896	27.66	78691.	3999.	10357.	1.	0.
9 35 3	128.	-782	127.	127.	127.	128.	2.897	27.96	79177.	4047.	10036.	2.	4.
9 35 8	127.	-367	128.	128.	125.	126.	2.895	28.09	79177.	4000.	10021.	1.	-1.
9 35 13	125.	-733	132.	130.	116.	128.	2.901	28.39	78280.	3921.	9936.	1.	-1.
9 35 18	124.	-806	126.	127.	125.	125.	2.900	28.28	78280.	3921.	9957.	1.	-1.
9 35 23	123.	-098	128.	121.	125.	125.	2.899	28.60	78130.	3921.	9914.	0.	-1.
9 35 28	124.	-171	127.	125.	125.	126.	2.891	28.15	78504.	3921.	9914.	0.	-2.
9 35 33	124.	-196	128.	128.	125.	129.	2.893	27.84	78280.	3960.	9893.	1.	-1.
9 35 38	124.	-471	126.	126.	125.	127.	2.893	28.34	78654.	3984.	9950.	1.	2.
9 35 43	124.	-587	125.	125.	125.	126.	2.893	28.49	79102.	3979.	9914.	1.	2.
9 35 48	124.	-293	123.	123.	125.	125.	2.891	28.09	79177.	4000.	9808.	1.	-2.
9 35 53	126.	-196	128.	128.	125.	127.	2.889	27.04	78579.	4028.	9743.	1.	-3.
9 35 58	127.	-391	127.	127.	125.	127.	2.897	27.28	78429.	3974.	9865.	1.	-3.
9 36 3	126.	0.000	128.	130.	127.	129.	2.902	27.10	78130.	3911.	9893.	-1.	-2.
9 36 8	125.	-196	128.	128.	127.	128.	2.897	27.04	78504.	3940.	9893.	0.	-2.

TIME H/M/S	PR 30 TEMP SURFAC FWD	PR 19 AIR BLEED STARTR L/MENG	AF 31 TEMP SKIN MASS WING UPR L/HOUT	AF 32 TEMP SKIN MASS WING UPR L/MIN	AF 33 TEMP SKIN MASS WING UPR R/HOUT	AF 34 TEMP SKIN MASS	PR 4 PRESS ENGINE RATIO L/4	SP 16 VOLTS DC BUSS	AF 5 FLOW FUEL L/MENG	PR 1 RPM N1 TACH GER L/MENG	PR 2 RPM N2 TACH GER L/MENG	CS 5 ATTU PITCH	CS 0 ATTU ROLL
15													
9 36 9	129.	-5507	138.	126.	127.	116.	2.097	27.69	70205.	3950.	9879.	1.	-1.
9 36 14	129.	-293	129.	127.	127.	121.	2.091	27.72	70504.	3974.	9922.	1.	-2.
9 36 19	126.	-342	129.	132.	129.	128.	2.093	28.60	70933.	3978.	9979.	-0.	1.
9 36 24	125.	-415	127.	129.	127.	127.	2.092	28.31	70953.	3985.	9982.	0.	-0.
9 36 29	116.	-702	128.	129.	127.	128.	2.082	27.98	70579.	4008.	9993.	0.	0.
9 36 34	122.	-196	127.	128.	127.	128.	2.085	27.72	70579.	3950.	9983.	0.	-0.
9 36 44	127.	-684	129.	130.	127.	126.	2.088	28.44	70803.	3911.	9858.	1.	-1.
9 36 49	127.	-644	129.	129.	127.	126.	2.095	27.00	70541.	3955.	9878.	1.	1.
9 36 54	125.	-604	126.	124.	127.	125.	2.089	27.08	70654.	3911.	9893.	2.	0.
9 36 59	124.	-831	126.	125.	127.	126.	2.091	27.53	70541.	3911.	9943.	2.	0.
9 37 4	124.	-831	128.	123.	121.	125.	2.093	27.53	70584.	3921.	9893.	0.	0.
9 37 9	122.	-1.173	127.	125.	124.	126.	2.091	27.69	70654.	3908.	9936.	1.	1.
9 37 9	126.	-635	131.	132.	127.	129.	2.095	27.85	70803.	3909.	9979.	2.	1.
9 37 14	126.	-171	130.	132.	128.	131.	2.094	27.88	70720.	3370.	9943.	1.	-1.
9 37 19	126.	-391	131.	131.	127.	130.	2.086	27.47	70676.	3999.	9979.	3.	3.
9 37 24	125.	-538	128.	129.	125.	127.	2.096	27.00	70766.	3916.	9936.	2.	2.
9 37 29	123.	-196	125.	125.	124.	125.	2.088	26.95	70803.	3908.	9936.	0.	-2.
9 37 34	125.	0.000	125.	124.	125.	126.	2.088	27.34	70720.	3999.	9900.	0.	0.
9 37 39	120.	-024	127.	125.	126.	127.	2.084	28.12	70953.	4609.	11805.	2.	-1.
9 37 45	120.	-024	126.	126.	125.	127.	2.084	28.23	70766.	4597.	10862.	2.	0.
9 37 50	126.	0.000	127.	121.	125.	124.	2.083	27.31	70676.	4349.	10827.	1.	-1.
9 37 55	125.	-080	127.	123.	125.	125.	2.086	27.34	70766.	4471.	10834.	2.	-1.
9 38 0	127.	-782	129.	128.	127.	127.	2.086	27.53	70504.	4602.	10834.	2.	-1.
9 38 5	122.	-1.662	118.	126.	124.	124.	2.086	27.63	70720.	4582.	10848.	3.	1.
9 38 10	124.	-1.124	121.	125.	125.	125.	2.085	27.63	70915.	4597.	10805.	2.	2.
9 38 15	127.	-782	130.	132.	128.	127.	2.085	28.82	70654.	4612.	10892.	2.	-1.
9 38 20	127.	-310	129.	132.	129.	127.	2.085	28.55	70803.	4608.	10834.	1.	1.
9 38 25	122.	-448	124.	128.	125.	126.	2.087	28.28	70803.	4655.	10798.	1.	0.
9 38 30	123.	-171	127.	127.	125.	126.	2.083	27.31	70953.	4602.	10877.	0.	0.
9 38 35	127.	-244	129.	128.	126.	128.	2.083	27.31	70953.	4602.	10877.	0.	0.
9 38 40	127.	-709	128.	127.	126.	127.	2.085	27.53	70920.	4587.	10884.	1.	1.
9 38 45	126.	-1.173	127.	127.	126.	127.	2.085	27.93	70953.	4592.	10891.	3.	1.
9 38 50	121.	-806	128.	127.	127.	126.	2.085	27.93	70953.	4573.	10884.	2.	1.
9 38 55	124.	-049	125.	127.	125.	125.	2.083	27.74	70953.	4585.	10848.	1.	-1.
9 39 0	126.	-024	127.	127.	126.	126.	2.083	27.72	70953.	4587.	10884.	1.	-2.
9 39 5	121.	-448	126.	127.	125.	126.	2.082	27.42	70654.	4641.	10885.	1.	-1.
9 39 10	121.	-535	128.	128.	125.	129.	2.082	27.66	70953.	4621.	10848.	1.	-2.
9 39 20	124.	-293	125.	128.	127.	126.	2.082	28.23	70803.	4544.	10891.	1.	-3.
9 39 20	121.	-342	127.	127.	127.	128.	2.086	28.25	70803.	4584.	12737.	1.	-2.
9 47 6	126.	-069	129.	131.	127.	128.	2.086	27.96	70579.	4573.	10763.	3.	1.
9 47 11	125.	-069	129.	128.	124.	128.	2.082	28.84	70803.	4597.	10855.	1.	0.
9 47 16	126.	-196	128.	128.	124.	128.	2.082	28.84	70803.	4597.	10855.	1.	0.
9 47 25	122.	-782	125.	125.	125.	125.	2.084	28.28	70920.	4612.	10706.	1.	1.
9 48 25	122.	-611	127.	123.	126.	126.	2.085	28.25	70920.	4592.	10870.	1.	1.
9 48 30	124.	-049	127.	130.	130.	128.	2.081	27.96	70917.	4631.	10877.	0.	0.
9 48 35	127.	-049	129.	129.	129.	128.	2.082	28.15	70917.	4631.	10877.	0.	0.
10 0 22	127.	-668	129.	129.	129.	128.	2.082	28.23	70920.	4612.	10877.	0.	0.
10 0 27	130.	-342	128.	128.	123.	130.	2.082	28.23	70920.	4612.	10877.	0.	0.
10 0 32	128.	-196	128.	128.	128.	129.	2.082	28.23	70920.	4612.	10877.	0.	0.
10 0 37	124.	-507	132.	127.	128.	129.	2.082	28.23	70920.	4612.	10877.	0.	0.

TIME H/M/S	PR 30 TEMP SURFAC FWD PART MOVBLE SPIKE	PR 19 AIR BLEED STARTR L/HENG	AF 31 TEMP SKIN MASS WING UPR L/HOUT	AF 32 TEMP SKIN MASS WING UPR L/HIN	AF 33 TEMP SKIN MASS WING UPR R/HOUT	AF 34 TEMP SKIN MASS	PR 4 PRESS ENGINE RATIO L/4	SP 16 VOLTS OC BUSS	AF 5 FLOW FUEL L/HENG	PR 1 RPM N1 TACH GER L/HENG	PR 2 RPM N2 TACH GER L/HENG	CS 5 ATTU PITCH	CS 9 ATTU ROLL
10 0 42	125.	-0.342	132.	129.	128.	130.	2.762	28.28	79476.	5830.	12373.	2.	-0.
10 0 47	125.	-1.466	129.	129.	127.	127.	2.766	27.50	79252.	5896.	12359.	3.	4.
10 0 52	126.	-0.391	130.	131.	127.	129.	2.770	27.74	79364.	5847.	12345.	2.	4.
10 0 57	126.	0.000	134.	132.	128.	124.	2.779	28.17	79850.	5818.	12373.	1.	-0.
10 1 2	127.	-0.073	130.	131.	127.	138.	2.771	28.25	79514.	5828.	12345.	2.	1.
10 1 12	127.	-0.831	126.	128.	128.	130.	2.761	28.44	79476.	5857.	12659.	2.	-1.
10 1 17	127.	-0.415	127.	131.	128.	129.	2.751	27.98	79663.	5886.	12480.	2.	1.
10 1 22	130.	-1.271	128.	131.	127.	131.	2.702	28.33	0.	5314.	13829.	1.	-0.
10 1 27	129.	-1.051	129.	130.	127.	132.	2.594	28.33	39925.	5421.	12994.	2.	1.
10 1 32	129.	-0.098	129.	128.	128.	131.	2.587	28.28	397.	5567.	13015.	-0.	-1.
10 1 37	129.	-0.440	127.	128.	127.	129.	2.689	27.85	40124.	5572.	13015.	1.	1.
10 1 42	129.	0.000	130.	128.	128.	130.	2.698	28.44	0.	5567.	13129.	1.	1.
10 1 47	126.	-0.269	130.	127.	128.	129.	2.688	28.01	39776.	5886.	13993.	2.	1.
10 1 52	126.	-0.782	128.	129.	129.	129.	2.683	28.66	79.	5596.	13186.	1.	0.
10 1 57	125.	-0.367	127.	128.	126.	122.	2.684	28.33	159.	5592.	13136.	1.	0.
10 2 2	125.	-0.538	128.	129.	126.	128.	2.668	27.85	79701.	5884.	13143.	2.	1.
10 2 7	126.	-0.073	127.	128.	127.	127.	2.668	27.66	39090.	5855.	13865.	1.	-1.
10 2 13	127.	-0.440	127.	128.	124.	126.	2.574	27.85	238.	5626.	13186.	2.	3.
10 2 18	128.	-0.669	128.	126.	125.	127.	2.677	27.85	39895.	5596.	13136.	1.	2.
10 2 23	128.	-0.342	128.	126.	128.	125.	2.574	28.01	238.	5835.	13172.	1.	-1.
10 2 28	123.	0.196	123.	125.	126.	126.	2.668	28.04	39895.	5886.	13136.	2.	-5.
10 2 33	127.	-0.342	123.	127.	126.	127.	2.759	27.47	78280.	5528.	13858.	0.	7.
10 2 38	127.	-0.849	123.	128.	126.	127.	2.831	27.58	78392.	5298.	11684.	1.	4.
10 2 43	126.	-0.342	128.	128.	130.	131.	2.899	27.42	79028.	3889.	18036.	-0.	2.
10 2 48	129.	-0.469	128.	127.	126.	128.	2.895	27.96	78990.	3858.	18121.	1.	1.
10 2 53	128.	-0.293	128.	126.	126.	126.	2.886	28.60	78803.	4057.	18036.	1.	-1.
10 3 3	127.	-0.024	127.	126.	126.	127.	2.886	28.20	78915.	4833.	18058.	2.	-0.
10 3 8	127.	-0.049	126.	127.	126.	128.	2.893	28.28	78654.	4888.	9993.	3.	4.
10 3 13	121.	-0.024	127.	129.	127.	128.	2.899	28.60	79252.	4888.	9993.	2.	3.
10 3 18	116.	-0.098	130.	132.	128.	128.	2.893	28.17	78953.	3980.	10814.	1.	1.
10 3 23	118.	-0.098	127.	130.	129.	128.	2.864	28.17	78354.	3980.	10814.	2.	2.
10 3 28	128.	-0.49	128.	129.	128.	128.	2.851	28.55	79177.	4544.	10863.	2.	2.
10 3 33	127.	-0.244	128.	128.	127.	128.	2.851	28.09	78878.	4544.	10863.	1.	1.
10 3 38	127.	-1.096	127.	127.	127.	128.	2.845	28.33	79551.	4728.	11176.	2.	-2.
10 3 43	126.	-1.075	128.	127.	127.	128.	2.846	27.98	79177.	4728.	11176.	1.	1.
10 3 48	126.	-0.196	128.	128.	125.	127.	2.928	29.03	77756.	4709.	11119.	3.	5.
10 3 53	126.	-0.342	129.	129.	126.	128.	2.945	27.82	77307.	3439.	8611.	2.	2.
10 4 3	127.	-0.440	128.	129.	128.	128.	2.961	28.67	78285.	1559.	4818.	1.	-2.
10 4 8	127.	-0.684	129.	129.	127.	127.	2.960	28.72	77793.	1343.	3949.	1.	-2.
10 4 8	127.	-0.831	128.	128.	127.	127.	2.993	27.15	77457.	837.	2810.	1.	1.

TIME M/N/S	CS ANGLE OF ATTACK (TRUE)	AF TEMP FUEL TANK BTM CENTR	AF PRESS AIR COOLER OUTLET L/HENG	EC UPSTRM OF MATR S PY255- PY256	EC PRES CABIN FLOW SUPPLY	EC 37 FLOTRM OF EQ BAY PY181- PY192	EC 114 TEMP ENERGY GERTR COOLING EXIT	AF 26 TEMP AIR INLET OIL COOLER L/HENG	PR 17 TEMP AIR BLEED TO R/H STARTR	SP 13 TEMP HYD OIL INLET COOLER R/H	SP 14 TEMP HYD OIL OUTLET COOLER R/H	SP 15 FREQ AC GEN L/HENG	EC 66 TEMP AIR OMNSTR OF ANTI ICE VL
0 57 9	-50	110.1	-1.	.010	-.039	-.024	125.	120.	134.	116.	117.	400.	118.
0 57 14	-57	110.0	-0.	-.005	.007	-.015	123.	119.	135.	117.	118.	400.	118.
0 57 19	-40	123.3	1.	-.003	-.044	-.034	121.	119.	133.	117.	119.	400.	117.
0 57 24	-30	121.7	2.	-.056	-.032	-.039	121.	122.	129.	117.	119.	400.	117.
0 57 29	-75	110.0	-1.	-.059	-.029	-.059	121.	119.	132.	117.	119.	400.	117.
0 57 42	-62	110.0	-1.	-.054	-.024	-.051	121.	119.	132.	117.	119.	400.	118.
0 57 39	-65	110.0	-1.	-.003	-.024	-.054	123.	110.	137.	123.	119.	400.	117.
0 57 49	-70	110.0	-1.	-.071	-.010	-.088	122.	118.	137.	123.	119.	400.	117.
0 57 54	-40	119.4	1.	-.024	-.024	-.049	121.	118.	137.	117.	117.	400.	117.
0 57 59	-72	110.1	1.	-.049	-.034	-.066	119.	118.	136.	117.	117.	400.	118.
0 58 4	-20	110.0	3.	-.005	-.020	-.024	123.	116.	137.	117.	119.	400.	117.
0 58 9	-50	110.0	1.	-.017	-.017	-.046	120.	117.	136.	116.	119.	400.	117.
0 58 14	-40	119.4	0.	-.020	0.000	0.000	123.	118.	136.	116.	118.	400.	118.
0 58 19	-55	119.1	-0.	-.029	-.015	-.071	125.	118.	136.	116.	118.	400.	118.
0 58 24	-95	110.0	-2.	-.054	-.020	-.043	121.	117.	132.	117.	119.	400.	119.
0 58 29	-72	110.0	-1.	-.037	-.010	-.064	121.	117.	123.	117.	120.	400.	119.
0 58 34	-40	119.4	1.	-.010	.015	-.015	123.	116.	136.	117.	119.	400.	118.
0 58 39	-50	119.1	-2.	-.044	-.073	-.034	123.	117.	136.	117.	118.	400.	118.
0 58 44	-20	110.0	3.	-.024	0.000	-.024	123.	119.	136.	117.	120.	400.	117.
0 58 49	-40	110.0	1.	-.034	.002	-.039	123.	118.	137.	117.	118.	400.	117.
0 58 54	-70	115.5	-1.	-.034	-.005	-.039	121.	117.	136.	117.	118.	400.	118.
0 59 0	-75	120.1	2.	-.039	-.020	-.073	121.	118.	135.	117.	118.	400.	118.
0 59 5	-45	110.0	0.	-.005	-.015	-.015	122.	118.	137.	118.	120.	400.	118.
0 59 10	-55	110.0	-0.	-.022	-.032	-.032	120.	117.	138.	120.	119.	400.	119.
0 59 15	-50	110.1	0.	-.029	-.015	-.054	121.	122.	147.	116.	116.	400.	120.
0 59 20	-55	110.1	-1.	-.034	-.020	-.054	122.	120.	143.	117.	117.	400.	119.
0 59 25	-65	119.4	1.	-.029	0.000	0.000	123.	117.	134.	117.	120.	400.	118.
0 59 30	-62	119.7	1.	-.039	-.017	-.024	122.	118.	134.	117.	120.	400.	118.
0 59 35	-85	121.4	5.	-.034	-.027	-.044	123.	118.	134.	117.	120.	400.	120.
0 59 40	-90	121.7	5.	-.060	-.027	-.083	122.	118.	209.	119.	125.	400.	121.
0 59 45	-70	120.1	2.	-.015	-.020	-.020	123.	119.	315.	121.	123.	400.	121.
0 59 50	-67	120.4	1.	-.024	-.022	-.027	122.	119.	319.	121.	121.	400.	121.
0 59 55	-40	122.0	0.	-.064	-.044	-.064	118.	119.	349.	119.	121.	400.	116.
0 59 59	-35	121.7	-1.	-.037	-.020	-.042	120.	119.	346.	121.	121.	400.	118.
0 59 59	-80	116.0	0.	-.005	0.000	-.024	123.	118.	326.	120.	123.	400.	120.
0 59 59	-62	110.0	-1.	-.032	-.012	-.046	123.	118.	319.	121.	119.	400.	120.
0 59 59	-55	120.7	-2.	-.039	-.010	-.029	121.	118.	385.	123.	123.	400.	124.
0 59 59	-45	120.7	-2.	-.103	-.005	-.374	122.	118.	302.	123.	123.	400.	123.
0 59 59	-50	120.7	-6.	-.074	-.039	.449	121.	118.	278.	127.	124.	400.	123.
0 59 59	-67	121.4	-3.	.120	-.020	.535	121.	118.	283.	124.	124.	400.	128.
0 59 59	-35	115.5	-3.	.127	-.005	.557	122.	119.	318.	126.	124.	400.	122.
0 59 59	-42	110.0	-2.	.137	-.002	.565	122.	119.	315.	126.	125.	400.	122.
0 59 59	-65	121.4	0.	.150	-.005	.606	122.	118.	330.	127.	120.	400.	120.
0 59 59	-55	121.7	-0.	.164	-.002	.587	122.	119.	334.	127.	123.	400.	121.
0 59 59	-30	121.4	-1.	.142	.015	.507	121.	123.	342.	129.	126.	400.	117.

TIME M/M/S	CS ANGLE OF ATTACK (TRUE)	AF TEMP FUEL TANK BTM CENTR	AF PRESS AIR OUTLET L/MENS	EC UPSTRM OF WATR PY255- PY256	EC PRES CABIN FLOW SUPPLY	EC FLOPR FMDTRM OF EQ BAY PY101- PY102	EC TEMP EMERGY GERRTR COOLING EXIT	AF TEMP AIR INLET OIL COOLER L/MENG	PR TEMP AIR BLEED TO R/H STARTR	SP TEMP MYD OIL INLET COOLER R/H	SP TEMP MYD OIL OUTLET COOLER R/H	SP FREQ AC DEN L/MENG	EC TEMP AIR DMNSTR OF ANTI ICE VL
9 51 40	-35	121.4	-0.	.142	0.000	.572	121.	121.	345.	129.	126.	400.	110.
9 11 53	-40	122.0	2.	.122	-.020	.557	123.	119.	350.	130.	127.	400.	119.
9 51 50	-42	122.0	1.	.193	-.012	.604	122.	110.	354.	130.	127.	400.	120.
9 12 4	-30	121.4	-2.	.300	-.034	1.066	123.	119.	379.	130.	129.	400.	117.
9 12 9	-40	121.7	0.	.330	-.029	1.100	123.	122.	369.	131.	129.	400.	119.
9 12 14	-65	123.5	1.	.401	.005	1.535	121.	116.	420.	132.	120.	400.	120.
9 12 19	-.65	122.3	3.	.455	.022	1.469	122.	117.	441.	133.	129.	400.	120.
9 12 24	-.30	121.4	0.	.520	.147	1.437	127.	110.	478.	132.	130.	400.	117.
9 12 29	-.32	122.3	-0.	.562	.170	1.329	125.	119.	409.	134.	131.	400.	118.
9 12 34	-.65	121.4	0.	.567	.371	.641	122.	110.	520.	134.	131.	400.	118.
9 12 39	-.47	121.7	-0.	.303	.220	.635	122.	110.	518.	134.	132.	400.	119.
9 12 44	-.65	120.7	3.	.303	.000	.420	123.	110.	523.	135.	132.	400.	116.
9 12 49	-.67	120.4	7.	.284	.070	.371	122.	110.	526.	134.	132.	400.	117.
9 12 54	-.80	125.9	10.	.290	.122	.306	123.	110.	520.	135.	132.	400.	119.
9 12 59	-.02	123.6	10.	.225	.100	.379	122.	119.	532.	136.	132.	400.	120.
9 13 4	-.40	120.7	21.	.259	.053	.347	122.	120.	531.	137.	133.	400.	121.
9 13 9	-.70	122.0	30.	.264	.076	.349	122.	121.	530.	136.	134.	400.	121.
9 13 14	-.45	122.6	46.	.283	.093	.401	122.	121.	536.	137.	134.	400.	119.
9 13 19	-.45	123.0	50.	.293	.093	.401	122.	121.	543.	137.	134.	400.	121.
9 13 29	-.40	122.0	54.	.425	.191	.409	125.	121.	546.	130.	134.	400.	120.
9 13 34	-.52	123.0	57.	.472	.335	.494	123.	125.	525.	139.	135.	400.	120.
9 13 39	-.45	122.6	59.	.253	.235	.357	123.	127.	525.	139.	135.	400.	119.
9 13 39	-.52	121.4	60.	.252	.175	.342	122.	120.	512.	139.	135.	400.	124.
9 13 49	-.65	121.4	61.	.205	.059	.345	122.	127.	464.	139.	136.	400.	130.
9 13 59	-.60	121.4	61.	.166	.029	.411	123.	127.	476.	139.	135.	400.	148.
9 14 12	-.57	121.4	60.	.166	.012	.393	123.	120.	450.	141.	137.	400.	153.
9 14 9	-.60	122.0	63.	.191	.015	.435	123.	120.	420.	141.	130.	400.	161.
9 14 9	-.50	122.3	61.	.208	.022	.411	123.	120.	421.	141.	130.	400.	165.
9 14 14	-.20	122.6	50.	.215	.015	.366	123.	129.	409.	142.	139.	400.	174.
9 14 19	-.30	122.3	60.	.190	0.000	.390	123.	129.	407.	142.	139.	400.	176.
9 14 24	-.60	122.6	61.	.171	-.020	.401	123.	129.	396.	142.	139.	400.	180.
9 14 29	-.62	123.3	62.	.100	-.002	.423	123.	129.	395.	143.	139.	400.	182.
9 14 34	-.65	121.4	63.	.205	.010	.401	122.	132.	393.	140.	140.	400.	182.
9 14 40	-.65	121.0	58.	.239	.020	.415	122.	132.	388.	142.	140.	400.	189.
9 14 45	-.25	122.6	61.	.191	0.000	.386	121.	132.	389.	139.	141.	400.	191.
9 14 50	-.40	122.3	60.	.210	.002	.391	122.	131.	380.	142.	142.	400.	196.
9 14 55	-.35	121.4	58.	.254	.023	.425	123.	133.	385.	147.	136.	400.	197.
9 15 0	-.40	122.3	50.	.222	.020	.408	123.	132.	383.	145.	139.	400.	196.
9 15 5	-.60	122.6	58.	.235	.015	.443	123.	132.	378.	146.	142.	400.	196.
9 15 10	-.92	122.0	56.	.210	.017	.430	123.	132.	360.	140.	142.	400.	196.
9 15 15	-.45	121.4	61.	.161	-.005	.571	124.	133.	375.	140.	143.	400.	200.
9 15 20	-.42	122.0	60.	.183	-.002	.342	124.	133.	372.	140.	142.	400.	203.
9 15 25	-.80	123.3	56.	.215	.039	.440	124.	134.	374.	147.	145.	400.	204.
9 15 30	-.65	122.6	58.	.237	.017	.433	123.	134.	374.	140.	144.	400.	209.
9 15 35	-1.05	122.6	58.	.235	.034	.380	124.	134.	374.	147.	145.	400.	209.
9 15 40	-.80	122.0	56.	.161	.012	.369	123.	134.	374.	147.	145.	400.	209.
9 15 45	-.55	120.7	58.	.142	-.010	.371	123.	136.	375.	154.	141.	400.	207.
9 15 50	-.57	120.7	57.	.154	.010	.593	123.	133.	373.	155.	141.	400.	207.

TIME H/M/S	CS ANGLE OF ATTACK (TRUE)	AF FUEL TRAP TANK BTM CENTR	AF PRESS AIR COOLER OUTLET L/HENG	EC UPSTRM OF MTR S PY255- PY256	EC PRES CABIN FLO4 SUPPLY	EC FLOWR FNDTRM OF EQ BAY PY101- PY102	EC TEMP ENERGY GERTR COOLNG EXIT	AF TEMP AIR INLET OIL COOLER L/HENG	PR TEMP AIR BLEED TO R/H STARTR	SP TEMP HYD OIL INLET COOLER R/H	SP TEMP HYD OIL OUTLET COOLER R/H	SP FREQ AC GEN L/HENG	EC TEMP AIR DMSTR OF ANTI ICE VL
9 15 55	-20	110.1	60.	.293	.054	.445	125.	133.	388.	150.	141.	401.	215.
9 16 5	-35	122.0	61.	.313	.110	.452	124.	137.	393.	150.	130.	401.	212.
9 16 10	-50	124.6	57.	.430	.274	.459	122.	139.	415.	147.	136.	400.	217.
9 16 15	-60	123.0	57.	.467	.354	.440	123.	141.	423.	146.	135.	400.	217.
9 16 20	-65	122.0	56.	.474	.474	.445	123.	139.	444.	150.	136.	400.	221.
9 16 25	-47	123.3	59.	.540	.494	.445	125.	134.	453.	150.	137.	400.	221.
9 16 30	-60	118.0	64.	.609	.502	.445	124.	137.	481.	151.	139.	400.	224.
9 16 35	-55	120.1	60.	.655	.643	.396	124.	137.	490.	159.	139.	400.	226.
9 16 40	-40	120.7	59.	.557	.699	.371	125.	138.	506.	160.	140.	400.	225.
9 16 45	-62	121.4	56.	.420	.630	.342	125.	132.	510.	160.	139.	400.	226.
9 16 50	-70	123.3	54.	.540	.445	.249	123.	141.	524.	167.	137.	400.	233.
9 16 55	-75	123.6	58.	.435	.435	.279	124.	141.	527.	149.	137.	400.	237.
9 17 0	-75	122.0	61.	.430	.464	.381	124.	141.	532.	155.	139.	400.	238.
9 17 5	-50	120.7	63.	.445	.455	.374	124.	141.	534.	156.	141.	400.	238.
9 17 10	-47	120.7	65.	.442	.428	.398	121.	143.	538.	168.	143.	400.	240.
9 17 15	-10	118.1	65.	.386	.425	.406	122.	144.	538.	159.	140.	400.	244.
9 17 20	-22	118.4	67.	.415	.410	.398	121.	136.	536.	150.	142.	400.	247.
9 17 25	-60	121.4	75.	.499	.455	.459	126.	147.	541.	159.	142.	400.	250.
9 17 30	-57	122.3	73.	.483	.433	.420	125.	146.	541.	154.	140.	400.	253.
9 17 35	-60	122.0	83.	.479	.484	.450	126.	148.	544.	160.	139.	400.	260.
9 17 40	-60	121.4	83.	.518	.442	.398	126.	147.	543.	162.	141.	400.	260.
9 17 45	-50	122.0	92.	.508	.450	.411	126.	143.	541.	166.	145.	400.	258.
9 17 50	-37	121.7	91.	.469	.440	.308	126.	140.	541.	185.	144.	400.	260.
9 17 55	-45	118.0	87.	.469	.450	.406	125.	144.	544.	176.	145.	400.	264.
9 18 0	-62	121.0	90.	.469	.433	.389	125.	152.	544.	164.	145.	400.	266.
9 18 5	-38	121.4	92.	.469	.459	.406	127.	148.	544.	169.	145.	400.	270.
9 18 10	-47	122.0	90.	.459	.442	.418	124.	146.	545.	182.	142.	400.	272.
9 18 15	-65	122.6	86.	.484	.420	.401	127.	148.	545.	162.	142.	400.	275.
9 18 20	-55	123.3	86.	.484	.433	.401	127.	149.	546.	158.	140.	400.	278.
9 18 25	-40	121.4	87.	.483	.469	.401	127.	150.	552.	168.	145.	400.	278.
9 18 30	-35	120.1	88.	.477	.469	.415	126.	158.	548.	168.	145.	400.	279.
9 18 35	-40	122.0	84.	.406	.767	.459	127.	152.	545.	159.	143.	400.	283.
9 18 40	-77	123.6	85.	.359	.711	.423	125.	153.	546.	156.	141.	400.	285.
9 18 45	-75	124.6	84.	.283	.547	.347	126.	153.	545.	180.	138.	400.	289.
9 18 50	-67	124.3	86.	.291	.523	.330	121.	150.	545.	165.	142.	400.	288.
9 18 55	-70	121.4	88.	.313	.464	.293	127.	147.	541.	165.	145.	400.	281.
9 19 0	-42	122.6	88.	.308	.494	.301	125.	145.	544.	181.	143.	400.	286.
9 19 05	-65	120.1	84.	.590	.301	.391	125.	149.	541.	169.	146.	400.	293.
9 19 10	-75	122.0	86.	.572	.457	.425	126.	149.	543.	163.	143.	400.	293.
9 19 15	-65	122.6	86.	.504	.425	.371	127.	150.	543.	166.	145.	400.	295.
9 19 20	-52	122.0	88.	.513	.425	.362	127.	154.	545.	169.	146.	400.	294.
9 19 25	-70	122.6	86.	.445	.331	.367	126.	152.	546.	178.	143.	400.	299.
9 19 30	-62	122.3	83.	.445	.304	.374	127.	155.	546.	166.	143.	400.	298.
9 19 35	-65	123.9	85.	.420	.301	.342	127.	160.	550.	168.	141.	400.	302.
9 19 40	-82	123.9	84.	.415	.359	.330	126.	153.	548.	161.	142.	400.	302.
9 19 45	-65	120.7	84.	.464	.362	.406	125.	156.	546.	155.	142.	400.	304.
9 19 50	-65	123.6	83.	.462	.379	.357	125.	154.	547.	155.	141.	400.	306.
9 19 55	-1.05	122.6	76.	.528	.440	.425	127.	150.	550.	161.	139.	400.	307.

TIME M/M/S	CS 7	AF 6	AF 29	EC 31	EC 34	EC 37	EC 114	AF 26	PR 17	SP 13	SP 14	SP 15	EC 66
	ANGLE OF ATTACK (TRUE)	TEMP FUEL TANK 8TH CENTR	PRESS AIR COOLER OUTLET L/HENS	UPSTRM OF WATR S PY255- PY256	PRES CABIN FLOM SUPPLY	FLOMR FMOTRM OF EQ JAY PY131- PY182	TEMP EMERG GERRTR COOLNG EXIT	TEMP AIR INLET OIL COOLER L/HENG	TEMP AIR BLEED TO R/H STARTR	TEMP HYD OIL INLET COOLER R/H	TEMP HYD OIL OUTLET COOLER R/H	FREQ AC GEN L/HENG	TEMP AIR DMSTR OF ANTI ICE VL
9 20 2	-77	121.4	77.	-513	-457	.437	127.	159.	546.	160.	143.	400.	306.
9 20 7	-60	123.9	75.	.533	.506	.459	126.	150.	550.	158.	136.	400.	310.
9 20 12	-42	123.0	73.	.521	.477	.425	126.	155.	546.	163.	140.	400.	309.
9 20 17	-15	122.0	77.	.483	.411	.406	128.	160.	546.	170.	147.	400.	309.
9 20 22	-27	122.6	76.	.431	.415	.398	127.	155.	545.	166.	146.	400.	309.
9 20 27	-60	123.3	62.	.435	.464	.411	125.	151.	544.	160.	142.	400.	314.
9 20 32	-47	123.3	67.	.433	.437	.381	126.	152.	546.	161.	143.	400.	312.
9 20 37	-45	115.5	74.	.376	.748	.391	126.	152.	540.	163.	144.	400.	309.
9 20 42	-52	119.4	74.	.320	.672	.376	127.	157.	547.	164.	143.	400.	313.
9 20 47	-50	121.4	73.	.279	.557	.323	128.	151.	546.	172.	149.	400.	311.
9 20 52	-42	121.4	72.	.281	.557	.308	128.	156.	548.	170.	146.	400.	315.
9 20 57	-70	122.6	68.	.304	.562	.308	127.	153.	549.	167.	146.	400.	316.
9 21 2	-70	128.7	68.	.318	.555	.308	128.	154.	548.	171.	147.	400.	316.
9 21 7	-70	123.9	71.	.367	.362	.491	122.	155.	546.	160.	143.	400.	320.
9 21 17	-65	124.6	73.	.474	.420	.367	127.	161.	552.	168.	142.	400.	322.
9 21 22	-78	123.9	72.	.469	.413	.369	128.	161.	550.	165.	147.	400.	322.
9 21 27	-65	122.0	70.	.376	.327	.381	128.	152.	543.	173.	147.	400.	322.
9 21 32	-75	123.3	68.	.363	.320	.391	129.	155.	545.	173.	148.	400.	322.
9 21 37	-40	123.9	69.	.352	.235	.357	128.	164.	553.	162.	142.	400.	327.
9 21 47	-52	123.0	69.	.352	.235	.332	128.	162.	549.	166.	142.	400.	325.
9 21 52	-30	122.0	70.	.357	.249	.367	128.	164.	520.	160.	149.	400.	324.
9 21 57	-52	121.0	66.	.357	.254	.381	128.	161.	514.	173.	149.	400.	325.
9 22 2	-25	122.6	68.	.323	.205	.367	127.	160.	500.	162.	143.	400.	329.
9 22 7	-47	124.6	65.	.315	.217	.374	126.	160.	497.	160.	142.	400.	329.
9 22 12	-70	124.6	65.	.306	.215	.420	128.	165.	487.	162.	143.	400.	329.
9 22 17	-65	124.6	67.	.379	.213	.398	127.	165.	488.	162.	142.	400.	331.
9 22 22	-55	127.2	65.	.362	.213	.396	128.	160.	483.	156.	148.	400.	331.
9 22 27	-50	125.9	66.	.348	.283	.381	128.	161.	482.	157.	141.	400.	331.
9 22 35	-60	123.9	68.	.396	.239	.381	126.	162.	474.	161.	139.	400.	332.
9 22 38	-50	125.2	67.	.367	.232	.381	127.	162.	476.	160.	140.	400.	326.
9 22 43	-60	122.6	64.	.293	.464	.396	129.	165.	478.	170.	145.	400.	331.
9 22 48	-60	121.4	62.	.303	.491	.393	129.	165.	474.	172.	145.	400.	330.
9 22 53	-1.05	123.9	64.	.342	.520	.386	129.	160.	472.	165.	144.	400.	332.
9 22 58	-67	124.3	64.	.291	.513	.369	128.	161.	474.	161.	142.	400.	331.
9 23 3	-50	125.9	66.	.308	.547	.352	128.	159.	479.	158.	143.	400.	329.
9 23 8	-60	124.3	63.	.283	.538	.332	128.	157.	472.	163.	143.	400.	328.
9 23 13	-65	122.6	65.	.210	.479	.327	129.	156.	468.	169.	149.	400.	324.
9 23 18	-65	123.3	64.	.281	.376	.345	129.	159.	469.	170.	148.	400.	327.
9 23 23	-75	122.0	65.	.357	.274	.367	128.	160.	472.	163.	144.	400.	327.
9 23 28	-72	123.0	64.	.359	.239	.369	128.	163.	472.	163.	143.	400.	331.
9 23 33	-65	125.2	66.	.401	.240	.381	128.	167.	474.	160.	142.	400.	335.
9 23 38	-72	124.9	66.	.396	.239	.384	128.	168.	474.	160.	141.	400.	335.
9 23 43	-60	125.9	66.	.371	.244	.367	128.	167.	474.	162.	142.	400.	336.
9 23 48	-45	124.9	67.	.398	.237	.379	128.	167.	474.	162.	142.	400.	333.
9 23 53	-35	122.0	67.	.401	.293	.406	129.	160.	471.	170.	147.	400.	327.
9 23 58	-35	123.9	66.	.403	.274	.389	128.	159.	472.	165.	144.	400.	330.
9 24 3	-40	123.3	68.	.396	.254	.406	128.	167.	473.	167.	144.	400.	332.
	-40	123.0	65.	.354	.154	.477	132.	163.	472.	160.	145.	400.	331.

TIME H/M/S	CS 7	AF 6	AF 29	EC 31	EC 34	EC 37	EC 114	AF 26	PR 17	SP 13	SP 14	SP 15	EC 66
	ANGLE OF ATTACK (TRUE)	TEMP FUEL TANK BTM CENTR	PRESS AIR COOLER OUTLET L/HENG	UPSTRM OF WATR S PY255- PY256	PRES CABIN FLOW SUPPLY	FLOPR FMDTRN OF EQ JAY PY181- PY182	TE4P EMERCY GERTR COJUNG EXIT	TEMP AIR INLET OIL COOLER L/HENG	TEMP AIR TO R/M STARTR	TEMP HYD OIL INLET COOLER R/H	TEMP HYD OIL OUTLET COOLER R/H	FREQ AC GEN L/HENG	TEMP AIR DMNSTR OF ANTI ICE VL
9 24 8	-50	125.2	50	.301	.254	.352	128	163	471	158	144	400	329
9 24 13	-62	125.6	67	.357	.252	.349	128	164	470	159	148	400	331
9 24 23	-60	120.7	64	.352	.249	.357	130	163	471	160	143	400	339
9 24 23	-67	122.3	63	.232	.115	.303	132	164	463	164	142	400	336
9 24 23	-50	122.6	63	.205	.024	.508	131	156	378	174	150	400	304
9 20 16	-42	123.6	66	.205	.012	.503	130	161	376	170	147	400	305
9 20 21	-45	126.5	63	.235	0.000	.499	120	167	380	161	145	400	305
9 28 34	-55	126.2	64	.210	-.002	.455	120	165	378	161	143	400	305
9 28 31	-35	124.6	64	.171	-.003	.401	120	163	390	160	145	400	303
9 28 36	-35	123.6	64	.154	-.055	.430	129	163	303	169	147	400	303
9 28 41	-35	123.6	62	.167	-.034	.464	131	159	379	169	147	400	303
9 28 46	-80	123.9	62	.167	-.034	.464	131	163	376	167	147	400	302
9 28 56	-77	124.6	62	.164	-.017	.442	130	163	380	167	146	400	301
9 29 1	-60	125.9	65	.239	0.000	.404	120	165	378	160	147	400	301
9 29 6	-57	126.2	64	.204	-.015	.472	120	163	375	174	147	400	299
9 29 11	-75	124.6	65	.191	-.005	.469	130	164	375	171	149	400	299
9 29 16	-72	122.6	65	.200	-.007	.484	132	164	375	171	149	400	299
9 29 16	-72	122.6	63	.186	-.010	.474	132	156	370	171	149	400	300
9 29 21	-75	124.3	65	.180	-.015	.477	131	162	370	171	149	400	300
9 29 21	-30	123.9	66	.152	-.003	.474	130	161	379	171	146	400	300
9 29 26	-25	123.6	66	.169	-.037	.484	130	163	377	172	148	400	298
9 29 31	-25	123.6	62	.147	-.029	.459	120	161	375	171	148	400	298
9 29 36	-80	123.9	62	.174	-.005	.479	120	165	375	166	146	400	298
9 29 41	-67	124.6	65	.174	-.005	.479	120	164	376	169	149	400	298
9 29 47	-60	125.2	65	.191	-.010	.464	120	164	376	171	148	400	294
9 29 52	-60	124.9	65	.171	-.015	.464	120	169	379	166	145	400	298
9 29 55	-60	126.5	66	.210	-.015	.494	120	166	377	178	147	400	296
9 30 2	-47	126.2	64	.181	-.010	.472	129	166	377	170	147	400	294
9 30 7	-40	128.9	64	.157	-.020	.464	129	171	375	172	158	400	294
9 30 12	-35	123.6	67	.159	-.039	.450	132	169	376	175	149	400	294
9 30 17	-1.05	125.2	63	.166	-.010	.450	127	158	370	162	143	401	294
9 30 22	-67	124.3	63	.152	-.015	.450	120	161	379	165	144	401	293
9 30 27	-30	125.9	67	.176	-.039	.484	129	168	376	163	146	400	293
9 30 32	-40	123.3	65	.164	-.024	.472	130	161	379	162	145	400	295
9 30 37	-25	123.3	60	.166	-.024	.450	130	161	383	166	145	400	294
9 30 42	-37	124.3	64	.164	-.022	.455	129	164	379	166	145	400	293
9 30 47	-35	123.3	65	.171	-.039	.479	129	165	381	166	145	400	294
9 30 52	-67	119.4	65	.164	-.024	.467	130	166	380	163	152	400	294
9 30 57	-75	126.5	62	.235	0.000	.523	129	163	379	160	154	400	294
9 31 2	-62	125.9	65	.193	-.015	.415	120	163	376	162	156	400	293
9 31 7	-1.05	125.2	60	.225	-.005	.499	120	167	381	172	150	401	293
9 31 12	-72	123.6	63	.186	-.002	.467	120	165	378	176	151	400	292
9 31 17	-65	125.2	60	.142	-.024	.469	127	163	378	174	149	400	289
9 31 22	-75	125.2	67	.154	-.017	.467	128	163	380	175	149	400	290
9 31 32	-45	123.3	65	.191	0.000	.494	130	161	374	183	154	400	288
9 31 37	-67	124.3	65	.191	0.000	.494	130	160	375	178	153	400	288
9 31 42	-75	120.7	66	.274	.015	.547	129	167	384	176	152	400	286
9 31 47	-67	121.0	65	.279	-.029	.547	130	164	401	181	152	400	286
9 31 52	-90	125.2	65	.306	.155	.357	130	166	450	170	154	400	274
9 31 57	-65	125.2	65	.409	.261	.459	129	166	484	175	151	400	274
9 31 57	-40	123.9	62	.409	.411	.409	129	157	527	180	151	400	266

TIME H/M/S	CS ANGLE OF ATTACK (TRUE)	AF FUEL TANK BTM CENTR	AF PRESS AIR COOLER OUTLET L/MENG	EC UPSTRM OF PY255- PY256	EC PRES FLOW SUPPLY	EC 37 FLOPR FOTRM OF EQ 3AT PY101- PY102	EC 114 TEMP EMERG COOLNG EXIT	AF 26 TEMP AIR INLET OIL COOLER L/MENG	PR 17 TEMP AIR BLEED TO R/H STARTR	SP 13 TEMP HYD OIL INLET COOLER R/H	SP 14 TEMP HYD OIL OUTLET COOLER R/H	SP 15 FREQ AC GEN L/MENG	EU 66 TEMP AIR DMSTR OF ANTI ICE VL
9 32 2	-55	125.6	64.	.463	.408	.467	129.	163.	532.	179.	152.	400.	263.
9 32 7	-15	123.9	64.	.523	.445	.435	131.	165.	546.	185.	154.	400.	254.
9 32 12	-47	124.6	64.	.501	.435	.418	130.	162.	550.	185.	153.	400.	252.
9 32 17	-80	123.9	66.	.489	.425	.367	132.	162.	557.	187.	149.	400.	246.
9 32 22	-58	123.6	64.	.498	.425	.391	131.	164.	559.	186.	152.	400.	244.
9 32 28	-75	123.9	69.	.508	.411	.352	120.	160.	555.	185.	154.	400.	239.
9 32 33	-60	124.6	67.	.511	.440	.376	127.	160.	561.	182.	151.	400.	238.
9 32 38	-55	123.9	66.	.503	.445	.366	132.	162.	564.	184.	153.	400.	232.
9 32 43	-57	123.3	65.	.474	.440	.379	131.	161.	567.	184.	153.	400.	231.
9 32 48	-78	125.9	66.	.469	.440	.371	120.	162.	572.	174.	151.	400.	226.
9 32 53	-67	126.2	65.	.511	.433	.366	129.	162.	576.	172.	149.	400.	224.
9 32 58	-50	123.3	67.	.601	.328	.450	131.	165.	590.	178.	153.	400.	218.
9 33 3	-45	123.9	66.	.555	.479	.364	132.	165.	598.	181.	153.	400.	215.
9 33 8	-78	126.5	67.	.464	.440	.347	130.	164.	652.	183.	154.	400.	198.
9 33 13	-52	125.9	65.	.469	.440	.349	130.	162.	664.	178.	151.	400.	194.
9 33 18	-20	124.6	61.	.459	.411	.357	129.	167.	684.	179.	151.	400.	187.
9 33 23	-25	124.3	61.	.459	.413	.328	130.	169.	604.	181.	152.	400.	183.
9 33 28	-65	120.7	69.	.469	.469	.401	131.	160.	695.	180.	151.	400.	180.
9 33 33	-55	122.6	67.	.459	.440	.379	132.	158.	695.	181.	152.	400.	179.
9 33 38	-48	125.2	67.	.493	.440	.401	138.	161.	683.	185.	147.	400.	175.
9 33 43	-47	125.6	66.	.472	.445	.376	134.	163.	689.	183.	149.	400.	174.
9 33 48	-58	125.9	63.	.455	.420	.352	131.	167.	695.	183.	154.	400.	171.
9 33 53	-55	125.9	64.	.479	.437	.379	130.	164.	698.	178.	151.	400.	171.
9 33 58	-65	123.9	62.	.499	.440	.306	131.	161.	707.	181.	152.	400.	171.
9 34 0	-60	123.6	63.	.501	.432	.396	131.	164.	704.	182.	153.	400.	160.
9 34 13	-1.05	123.9	67.	.499	.425	.401	131.	168.	706.	173.	148.	400.	167.
9 34 18	-82	126.9	66.	.506	.437	.396	130.	162.	703.	174.	150.	400.	165.
9 34 23	-70	125.2	64.	.533	.453	.430	130.	167.	700.	174.	151.	400.	165.
9 34 28	-55	125.6	64.	.496	.440	.438	130.	167.	702.	179.	149.	400.	164.
9 34 33	-55	124.6	60.	.477	.440	.210	131.	157.	628.	183.	154.	400.	169.
9 34 38	-47	125.9	67.	.437	.401	.254	131.	168.	683.	183.	154.	400.	169.
9 34 43	-30	121.4	64.	.437	.401	.357	133.	159.	543.	183.	154.	400.	222.
9 34 48	-45	123.3	66.	.466	.466	.309	129.	160.	527.	183.	154.	400.	228.
9 34 53	-55	125.2	65.	.452	.420	.288	132.	160.	488.	183.	154.	400.	243.
9 34 58	-70	126.5	67.	.452	.402	.359	132.	168.	464.	179.	153.	400.	247.
9 35 3	-45	123.3	65.	.450	.415	.523	132.	158.	453.	183.	154.	400.	255.
9 35 8	-52	123.3	64.	.437	.407	.309	132.	158.	448.	183.	154.	400.	258.
9 35 13	-85	123.9	67.	.493	.403	.327	131.	157.	404.	176.	150.	400.	260.
9 35 18	-72	125.9	67.	.488	.424	.305	131.	164.	399.	175.	151.	400.	271.
9 35 23	-75	126.5	67.	.488	.404	.264	131.	171.	390.	174.	151.	400.	278.
9 35 28	-52	121.0	65.	.481	.429	.296	131.	167.	389.	175.	151.	400.	272.
9 35 33	-85	129.1	65.	.473	.403	.203	132.	168.	380.	172.	150.	400.	274.
9 35 38	-67	127.2	65.	.484	.403	.435	135.	168.	386.	174.	153.	400.	274.
9 35 43	-45	115.3	62.	.498	.400	.391	132.	169.	385.	166.	158.	400.	276.
9 35 48	-45	121.0	62.	.488	.400	.393	132.	167.	383.	166.	158.	400.	275.
9 35 53	-65	121.4	66.	.493	.404	.361	132.	159.	385.	172.	162.	400.	270.
9 35 58	-72	123.0	67.	.490	.403	.376	132.	159.	383.	173.	163.	400.	269.
9 36 3	-65	125.2	66.	.493	.403	.362	132.	163.	379.	173.	163.	400.	270.
9 36 8	-58	126.9	64.	.488	.403	.347	132.	167.	375.	178.	159.	400.	270.

TIME H/M/S	CS ANGLE OF ATTACK (TRUE)	AF TEMP FUEL TANK GTH CENTR	AF PRESS AIR COOLER OUTLET L/HENG	EC UPSTRM OF WATR 3 PV255- PV256	EC PRES CABIN FLOW SUPPLY	EC 37 FLOPRM FMDTRM OF EQ JAY PY101- PY102	EC 114 TEMP EMERGY GERSTR COOLING EXIT	AF 26 TEMP AIR INLET OIL COOLER L/HENG	PK 17 TEMP AIR BLEED TO R/H STARTR	SP 13 TEMP HTJ OIL INLET COOLER R/H	SP 14 TEMP HTJ OIL OUTLET COOLER R/H	SP 15 FREQ AC GEN L/HENG	EC 66 TEMP AIR DMMSTR OF ANTI ICE VL
9 36 9	-50	124.6	65.	.034	-.003	.567	131.	155.	388.	181.	154.	400.	260.
9 36 14	-55	124.9	64.	.117	-.042	.386	132.	157.	379.	181.	155.	400.	267.
9 36 19	-50	125.2	66.	.110	-.024	.411	134.	160.	359.	180.	155.	400.	266.
9 36 24	-45	125.9	64.	.110	-.022	.403	127.	167.	378.	179.	155.	400.	269.
9 36 29	-25	125.9	61.	.132	-.015	.405	132.	166.	308.	178.	154.	400.	268.
9 36 34	-35	125.6	61.	.142	-.027	.389	132.	162.	378.	178.	145.	400.	266.
9 36 44	-70	122.6	66.	.080	-.020	.367	132.	157.	308.	180.	155.	400.	263.
9 36 49	-55	123.6	64.	.117	-.012	.391	132.	158.	379.	180.	154.	400.	263.
9 36 54	-90	124.6	68.	.103	-.034	.367	132.	163.	374.	178.	155.	400.	263.
9 36 59	-80	125.2	67.	.108	-.039	.374	132.	167.	375.	178.	154.	400.	265.
9 37 4	-50	120.7	65.	.117	0.000	.401	135.	169.	378.	179.	153.	400.	264.
9 37 9	-45	123.3	64.	.108	-.015	.374	134.	171.	377.	178.	152.	400.	263.
9 37 9	-85	125.9	65.	.084	-.059	.362	133.	157.	376.	176.	152.	400.	261.
9 37 14	-67	125.6	65.	.120	-.029	.398	133.	159.	378.	176.	152.	400.	260.
9 37 19	-38	129.8	63.	.171	-.029	.316	132.	163.	379.	176.	151.	400.	260.
9 37 24	-60	127.2	62.	.134	-.020	.332	132.	165.	371.	171.	152.	400.	259.
9 37 29	-30	123.9	63.	.137	-.005	.366	132.	171.	375.	175.	153.	400.	258.
9 77 34	-40	126.2	62.	.176	-.002	.430	132.	171.	377.	176.	152.	400.	257.
9 37 40	-65	127.8	65.	.259	-.024	.604	133.	173.	384.	175.	149.	400.	257.
9 37 45	-75	126.9	66.	.232	-.010	.672	132.	173.	393.	175.	149.	400.	257.
9 37 50	-25	125.9	64.	.210	-.044	.621	132.	167.	404.	160.	149.	400.	251.
9 37 55	-47	127.2	64.	.205	-.017	.640	133.	178.	408.	169.	160.	400.	251.
9 38 0	-80	121.4	66.	.200	-.015	.645	132.	161.	416.	174.	164.	400.	250.
9 38 5	-77	123.0	68.	.194	0.000	.652	132.	159.	419.	173.	165.	400.	250.
9 38 10	-45	125.9	69.	.171	0.000	.626	132.	172.	419.	180.	158.	400.	250.
9 38 15	-67	126.2	68.	.176	-.007	.633	135.	172.	419.	180.	158.	400.	249.
9 38 20	-1.00	125.2	66.	.161	-.039	.635	133.	158.	423.	188.	169.	400.	244.
9 38 25	-78	125.2	64.	.164	-.007	.650	134.	159.	423.	182.	178.	400.	245.
9 38 30	-85	120.7	66.	.186	-.010	.650	132.	162.	425.	189.	173.	400.	245.
9 38 35	-75	123.6	67.	.164	-.010	.648	132.	166.	427.	188.	174.	400.	245.
9 38 40	-30	124.6	62.	.147	-.005	.616	126.	158.	425.	183.	164.	400.	245.
9 38 45	-45	125.6	65.	.166	0.000	.616	129.	162.	425.	183.	163.	400.	244.
9 38 50	-55	126.5	67.	.200	-.005	.635	133.	174.	427.	196.	157.	400.	246.
9 39 0	-62	127.5	66.	.156	-.005	.630	132.	171.	427.	193.	158.	400.	247.
9 39 5	-30	124.6	67.	.156	-.002	.547	132.	169.	429.	194.	160.	400.	242.
9 39 10	-32	123.3	68.	.166	-.002	.555	133.	163.	429.	193.	160.	400.	241.
9 39 15	-35	126.5	63.	.147	-.034	.543	132.	176.	430.	191.	158.	400.	244.
9 39 20	-37	126.9	63.	.130	-.032	.530	133.	171.	427.	198.	157.	400.	242.
9 39 25	-50	125.2	64.	.147	-.044	.503	132.	176.	430.	189.	158.	400.	240.
9 47 6	4.75	127.2	64.	.156	-.020	.501	133.	175.	428.	179.	152.	400.	229.
9 47 11	10.10	127.2	66.	.152	-.010	.474	134.	161.	428.	172.	147.	398.	210.
9 47 16	9.90	127.5	66.	.159	-.010	.474	134.	170.	427.	171.	147.	398.	212.
9 48 25	6.50	123.3	63.	.156	0.000	.469	134.	174.	419.	171.	147.	398.	210.
9 48 30	6.50	125.9	63.	.156	-.024	.464	135.	172.	426.	169.	146.	398.	213.
9 48 35	6.80	129.8	62.	.191	0.000	.464	135.	171.	430.	169.	146.	398.	214.
10 0 22	3.10	120.1	63.	.104	-.000	.491	135.	176.	429.	169.	147.	398.	211.
10 0 27	-80	129.8	69.	.303	-.005	.547	137.	177.	430.	168.	143.	398.	207.
10 0 32	-50	129.4	68.	.323	-.093	.552	135.	179.	455.	169.	146.	398.	205.
10 0 37	-45	130.4	67.	.391	-.152	.469	135.	165.	482.	171.	146.	397.	200.

TIME M/N/S	CS ANGLE OF ATTACK (TRUE)	AF TEMP FUEL TRAP TANK BTM CENTR	AF 29 PRESS AIR COOLER OUTLET L/HENG	EC 31 UPSTRM OF WATR S PY255- PY256	EC 34 PRES CABIN FLOW SUPPLY	EC 37 FLOMPH FNOTRM OF EQ BAY PY181- PY182	EC 114 TEMP ENERGY GEART COOLNG EXIT	AF 26 TEMP AIR INLET OIL COOLER L/HENG	PR 17 TEMP AIR BLEED TO R/W STARTR	SP 13 TEMP HYD OIL INLET COOLER R/W	SP 14 TEMP HYD OIL OUTLET COOLER R/W	SP 15 FREQ AC GEN L/HENG	EC 60 TEMP AIR DMSTR OF ANTI ICE VL
10 0 42	-52	130.7	68.	398	-200	.450	135.	169.	409.	171.	146.	397.	201.
10 0 47	-30	130.4	63.	391	313	.445	134.	164.	512.	171.	147.	397.	201.
10 0 52	-32	130.7	65.	367	318	.423	135.	166.	514.	171.	147.	397.	201.
10 0 57	-65	130.4	70.	371	280	.386	135.	168.	521.	172.	149.	398.	203.
10 1 2	-47	129.8	66.	376	298	.396	135.	173.	525.	171.	148.	398.	203.
10 1 12	-45	129.8	69.	352	279	.381	136.	180.	531.	172.	145.	398.	203.
10 1 17	-40	131.4	67.	342	242	.413	135.	177.	534.	171.	145.	398.	203.
10 1 22	-65	130.9	66.	606	489	.411	135.	180.	552.	178.	143.	397.	203.
10 1 27	-48	133.8	67.	623	515	.430	135.	178.	560.	178.	144.	397.	203.
10 1 32	-85	131.1	65.	582	601	.401	131.	178.	577.	171.	145.	397.	203.
10 1 32	-57	130.7	63.	594	562	.362	134.	182.	581.	171.	146.	397.	206.
10 1 42	-70	129.8	72.	630	550	.308	136.	178.	586.	170.	146.	398.	203.
10 1 42	-45	133.8	69.	684	555	.298	136.	172.	589.	171.	147.	398.	209.
10 1 47	-70	129.1	71.	635	447	.327	131.	182.	599.	171.	143.	397.	208.
10 1 52	-80	129.1	69.	673	428	.330	135.	165.	602.	172.	147.	397.	207.
10 2 2	-40	130.4	68.	503	445	.371	136.	180.	604.	172.	147.	398.	213.
10 2 7	-50	128.8	69.	479	464	.420	136.	179.	608.	171.	144.	397.	211.
10 2 13	-67	128.5	69.	491	435	.381	136.	182.	606.	170.	146.	397.	211.
10 2 23	-45	130.4	65.	323	406	.381	136.	178.	601.	171.	145.	393.	213.
10 2 33	-47	128.8	63.	208	183	.305	136.	180.	581.	173.	145.	395.	218.
10 2 33	-55	130.4	63.	117	010	.303	133.	173.	513.	170.	147.	397.	218.
10 2 43	-60	130.4	63.	076	000	.283	133.	182.	477.	171.	147.	397.	225.
10 2 48	-70	127.2	65.	029	005	.171	136.	179.	467.	170.	147.	397.	224.
10 2 53	-75	128.1	64.	064	002	.257	136.	174.	445.	170.	148.	398.	224.
10 2 58	-25	129.1	53.	074	020	.367	136.	180.	438.	170.	148.	398.	223.
10 3 3	-45	130.7	62.	105	020	.391	136.	185.	427.	157.	147.	398.	224.
10 3 8	-58	126.5	61.	073	042	.349	135.	182.	425.	163.	144.	398.	224.
10 3 13	-57	126.9	61.	030	010	.626	135.	176.	420.	169.	144.	398.	224.
10 3 18	-40	131.1	62.	205	010	.626	135.	181.	423.	169.	144.	398.	224.
10 3 23	-48	130.7	62.	225	020	.733	136.	185.	432.	170.	147.	397.	223.
10 3 28	-80	130.4	65.	213	005	.696	137.	185.	436.	168.	149.	398.	223.
10 3 33	-55	129.1	64.	203	000	.699	137.	177.	441.	168.	148.	398.	222.
10 3 38	-60	126.5	66.	138	010	.670	136.	169.	435.	169.	145.	398.	220.
10 3 40	-58	127.5	65.	053	034	.239	136.	173.	435.	169.	147.	398.	222.
10 3 53	-105	130.4	61.	034	037	.125	136.	178.	430.	167.	155.	400.	218.
10 3 58	-85	129.1	47.	044	010	0.000	136.	178.	430.	167.	157.	400.	218.
10 4 3	-67	129.0	13.	044	000	-.020	136.	177.	429.	168.	161.	480.	287.
10 4 8	-40	129.1	1.	064	010	-.029	137.	177.	429.	168.	161.	480.	287.

TIME H/M/S	AF 39 BULK HEAD FS476 DEGF	AF 40 LOW CAP MING PIVOT	AF 41 MING PIVOT	AF 42 UP FRAME FS778 DEGF
17				
8 57 9	LOW	848.	122.	126.
8 57 14	LOW	848.	122.	125.
8 57 19	LOW	848.	121.	124.
8 57 24	LOW	848.	121.	124.
8 57 29	LOW	848.	124.	125.
8 57 42	LOW	848.	124.	128.
8 57 39	LOW	848.	123.	124.
8 57 49	LOW	848.	119.	124.
8 57 54	LOW	848.	123.	124.
8 57 59	LOW	848.	122.	124.
8 58 4	LOW	848.	121.	124.
8 58 9	LOW	848.	118.	122.
8 58 14	LOW	848.	122.	125.
8 58 19	LOW	848.	122.	125.
8 58 24	LOW	848.	122.	124.
8 58 29	LOW	848.	122.	124.
8 58 34	LOW	848.	123.	125.
8 58 40	LOW	848.	122.	125.
8 58 45	LOW	848.	123.	125.
8 58 50	LOW	848.	123.	121.
8 58 55	LOW	848.	123.	121.
8 59 8	LOW	848.	123.	125.
8 59 15	LOW	848.	122.	125.
8 59 28	LOW	848.	122.	124.
9 10 18	LOW	848.	123.	123.
9 10 23	LOW	544.	123.	125.
9 10 28	LOW	848.	121.	124.
9 10 33	LOW	848.	123.	125.
9 10 38	LOW	848.	122.	124.
9 10 43	LOW	848.	123.	125.
9 10 53	LOW	848.	122.	125.
9 10 58	LOW	848.	122.	123.
9 11 3	LOW	848.	122.	123.
9 11 8	LOW	848.	122.	123.
9 11 13	848.	848.	122.	125.
9 11 23	848.	848.	122.	125.
9 11 28	848.	848.	123.	124.
9 11 33	848.	848.	122.	124.
9 11 38	848.	848.	121.	123.
9 11 43	848.	848.	122.	123.

*000000

TIME H/M/S	AF 39 BULK HEAD FS476 DEGF	AF 40 LOW CAP WING PIVOT	AF 41 WING PIVOT	AF 42 UP FRAME FS770 DEGF
9 51 46	848.	848.	122.	124.
9 11 53	848.	848.	122.	124.
9 51 58	848.	848.	122.	124.
9 12 4	848.	848.	121.	123.
9 12 9	848.	848.	121.	123.
9 12 14	848.	848.	123.	123.
9 12 19	848.	848.	123.	123.
9 12 24	848.	848.	123.	125.
9 12 29	848.	848.	122.	125.
9 12 34	848.	848.	121.	116.
9 12 39	848.	848.	122.	119.
9 12 44	848.	848.	116.	124.
9 12 49	848.	848.	119.	126.
9 12 54	848.	848.	121.	125.
9 12 59	848.	848.	123.	124.
9 13 4	848.	848.	121.	125.
9 13 9	848.	848.	121.	124.
9 13 14	848.	848.	121.	123.
9 13 19	848.	848.	121.	122.
9 13 29	848.	848.	118.	125.
9 13 34	848.	848.	128.	124.
9 13 39	848.	848.	123.	123.
9 13 39	848.	848.	123.	124.
9 13 44	848.	848.	121.	123.
9 13 49	848.	848.	121.	124.
9 13 59	848.	848.	123.	126.
9 14 12	848.	848.	123.	125.
9 14 9	848.	848.	121.	123.
9 14 9	848.	848.	122.	124.
9 14 14	848.	848.	123.	123.
9 14 19	848.	848.	123.	124.
9 14 24	848.	848.	124.	126.
9 14 29	848.	848.	123.	126.
9 14 34	848.	848.	121.	121.
9 14 40	848.	848.	122.	123.
9 14 45	848.	848.	121.	127.
9 14 50	848.	848.	122.	126.
9 14 55	848.	848.	121.	126.
9 15 0	848.	848.	121.	126.
9 15 5	848.	848.	121.	127.
9 15 10	848.	848.	122.	127.
9 15 15	848.	848.	123.	124.
9 15 20	848.	848.	123.	125.
9 15 25	848.	848.	122.	127.
9 15 30	848.	848.	122.	127.
9 15 35	848.	848.	122.	127.
9 15 40	848.	848.	123.	127.
9 15 45	848.	848.	119.	128.
9 15 50	848.	848.	120.	128.

TIME
H/M/S

17

AF 39 AF 40 AF 41 AF 42
BULK LOW WING UP
HEAD CAP PIVOT FRAME
FS476 WING FS770
DEGF PIVOT DEGF

9 15 55	040.	040.	122.	120.
9 16 5	040.	040.	120.	127.
9 16 10	040.	040.	123.	125.
9 16 15	040.	040.	123.	124.
9 16 20	040.	040.	125.	125.
9 16 25	040.	040.	123.	126.
9 16 35	040.	040.	116.	130.
9 16 40	040.	040.	119.	120.
9 16 45	040.	040.	123.	116.
9 16 50	040.	040.	122.	118.
9 16 55	040.	040.	121.	127.
9 17 0	040.	040.	121.	127.
9 17 5	040.	040.	125.	120.
9 17 10	040.	040.	122.	130.
9 17 16	040.	040.	124.	127.
9 17 21	040.	040.	122.	133.
9 17 26	040.	040.	122.	132.
9 17 31	040.	040.	125.	127.
9 17 36	040.	040.	123.	120.
9 17 41	040.	040.	123.	130.
9 17 46	040.	040.	123.	132.
9 17 51	040.	040.	122.	133.
9 17 56	040.	040.	121.	132.
9 18 1	040.	040.	122.	129.
9 18 6	040.	040.	124.	130.
9 18 11	040.	040.	123.	132.
9 18 16	040.	040.	123.	132.
9 18 21	040.	040.	123.	133.
9 18 26	040.	040.	124.	132.
9 18 31	040.	040.	123.	133.
9 18 41	040.	040.	125.	130.
9 18 46	040.	040.	124.	120.
9 18 51	040.	040.	123.	131.
9 18 56	040.	040.	121.	134.
9 19 1	040.	040.	121.	136.
9 19 11	040.	040.	122.	134.
9 19 16	040.	040.	122.	134.
9 19 21	040.	040.	121.	129.
9 19 26	040.	040.	122.	132.
9 19 31	040.	040.	125.	134.
9 19 36	040.	040.	125.	133.
9 19 41	040.	040.	122.	130.
9 19 46	040.	040.	122.	133.
9 19 51	040.	040.	121.	133.
9 19 56	040.	040.	123.	133.
9 19 57	040.	040.	123.	132.

TIME M/M/S	AF 39 BULK HEAD FS476 DEGF	AF 40 LOW CAP WING PIVOT	AF 41 WING PIVOT	AF 42 UP FRAME FS770 DEGF
9 20 2	840.	840.	123.	133.
9 20 7	840.	840.	123.	133.
9 20 12	840.	840.	122.	134.
9 20 17	840.	840.	125.	129.
9 20 22	840.	840.	126.	133.
9 20 27	840.	840.	122.	137.
9 20 32	840.	840.	122.	135.
9 20 37	840.	840.	121.	137.
9 20 42	840.	840.	122.	135.
9 20 47	840.	840.	124.	137.
9 20 52	840.	840.	125.	135.
9 20 57	840.	840.	121.	137.
9 21 2	840.	840.	122.	137.
9 21 7	840.	840.	120.	137.
9 21 17	840.	840.	123.	138.
9 21 17	840.	840.	123.	134.
9 21 22	840.	840.	124.	134.
9 21 27	840.	840.	122.	139.
9 21 32	840.	840.	123.	148.
9 21 37	840.	840.	123.	126.
9 21 47	840.	840.	123.	130.
9 21 52	840.	840.	125.	133.
9 21 57	840.	840.	123.	135.
9 22 2	840.	840.	121.	136.
9 22 7	840.	840.	122.	135.
9 22 7	840.	840.	123.	133.
9 22 12	840.	840.	123.	134.
9 22 17	840.	840.	122.	136.
9 22 22	840.	840.	122.	133.
9 22 33	840.	840.	123.	134.
9 22 33	840.	840.	124.	134.
9 22 38	840.	840.	125.	134.
9 22 43	840.	840.	124.	136.
9 22 48	840.	840.	124.	134.
9 22 53	840.	840.	123.	134.
9 22 53	840.	840.	123.	135.
9 22 58	840.	840.	122.	137.
9 23 3	840.	840.	121.	137.
9 23 8	840.	840.	121.	135.
9 23 13	840.	840.	122.	135.
9 23 18	840.	840.	122.	136.
9 23 23	840.	840.	124.	135.
9 23 28	840.	840.	125.	132.
9 23 33	840.	840.	124.	132.
9 23 33	840.	840.	121.	132.
9 23 38	840.	840.	123.	133.
9 23 43	840.	840.	121.	136.
9 23 48	840.	840.	121.	135.
9 23 53	840.	840.	124.	135.
9 23 58	840.	840.	123.	136.
9 24 3	840.	840.	123.	136.

TIME H/M/S	AF 39 BULK HEAD FS476 DEGF	AF 40 LOW CAP MING PIVOT	AF 41 MING PIVOT	AF 42 UP FRAME FS770 UEGF
9 24 0	840.	840.	125.	132.
9 24 13	840.	840.	124.	135.
9 24 23	840.	840.	124.	130.
9 24 23	840.	840.	124.	134.
9 28 16	171.	840.	122.	134.
9 28 21	509.	840.	123.	133.
9 28 34	840.	840.	124.	132.
9 28 31	840.	840.	124.	132.
9 28 36	840.	840.	124.	132.
9 28 41	840.	840.	123.	132.
9 28 46	840.	840.	125.	134.
9 28 56	840.	840.	125.	133.
9 29 1	840.	840.	123.	131.
9 29 6	840.	840.	127.	131.
9 29 11	840.	840.	123.	133.
9 29 16	840.	840.	123.	132.
9 29 16	840.	840.	123.	131.
9 29 21	840.	840.	123.	131.
9 29 26	840.	840.	123.	133.
9 29 31	840.	840.	122.	133.
9 29 36	840.	840.	121.	133.
9 29 41	840.	840.	123.	132.
9 29 47	840.	840.	123.	134.
9 29 52	840.	840.	122.	131.
9 29 55	840.	840.	123.	134.
9 30 2	840.	840.	123.	133.
9 30 7	840.	840.	125.	133.
9 30 12	840.	840.	125.	133.
9 30 17	840.	840.	125.	133.
9 30 22	840.	840.	122.	136.
9 30 27	840.	840.	122.	135.
9 30 32	840.	840.	124.	136.
9 30 37	840.	840.	124.	135.
9 30 42	840.	840.	125.	134.
9 30 47	840.	840.	124.	134.
9 30 52	840.	840.	127.	134.
9 30 57	840.	840.	125.	133.
9 31 2	840.	840.	121.	134.
9 31 7	840.	840.	122.	134.
9 31 12	840.	840.	121.	141.
9 31 17	840.	840.	122.	130.
9 31 22	840.	840.	125.	134.
9 31 27	840.	840.	124.	136.
9 31 32	840.	840.	121.	130.
9 31 37	840.	840.	122.	130.
9 31 42	840.	840.	122.	134.
9 31 47	840.	840.	123.	132.
9 31 52	840.	840.	124.	130.
9 31 57	840.	840.	125.	136.
9 31 57	840.	840.	124.	135.
9 31 57	840.	840.	123.	133.

TIME W/M/S	AF 39 BULK HEAD FS476 DECF	AF 40 LOW CAP WING PIVOT	AF 41 WING PIVOT	AF 42 UP FRAME FS770 DECF
9 32 2	040.	040.	124.	132.
9 32 7	040.	040.	123.	134.
9 32 12	040.	040.	123.	135.
9 32 17	040.	040.	123.	134.
9 32 22	040.	040.	123.	134.
9 32 28	040.	040.	123.	136.
9 32 33	040.	040.	124.	136.
9 32 38	040.	040.	123.	135.
9 32 43	040.	040.	123.	133.
9 72 48	040.	040.	125.	134.
9 32 53	040.	040.	125.	133.
9 32 58	040.	040.	124.	133.
9 33 3	040.	040.	124.	133.
9 73 8	040.	040.	122.	134.
9 33 13	040.	040.	123.	135.
9 33 18	040.	040.	124.	134.
9 33 23	040.	040.	120.	131.
9 33 28	040.	040.	124.	135.
9 33 33	040.	040.	123.	135.
9 33 38	040.	040.	122.	136.
9 33 43	040.	040.	123.	136.
9 73 48	040.	040.	123.	131.
9 33 53	040.	040.	123.	133.
9 33 58	040.	040.	123.	134.
9 34 8	040.	040.	125.	134.
9 34 13	040.	040.	125.	136.
9 34 18	040.	040.	126.	135.
9 34 23	040.	040.	124.	136.
9 34 28	040.	040.	125.	135.
9 34 33	040.	040.	124.	134.
9 34 38	040.	040.	123.	134.
9 34 43	040.	040.	119.	135.
9 34 48	040.	040.	122.	135.
9 34 53	040.	040.	123.	131.
9 34 58	040.	040.	124.	132.
9 35 4	040.	040.	123.	136.
9 35 9	040.	040.	125.	135.
9 35 14	040.	040.	122.	140.
9 35 19	040.	040.	123.	137.
9 35 24	040.	040.	124.	133.
9 35 29	040.	040.	125.	135.
9 35 34	040.	040.	123.	133.
9 35 39	040.	040.	124.	135.
9 35 44	040.	040.	126.	136.
9 35 49	040.	040.	124.	137.
9 35 54	040.	040.	124.	137.
9 35 59	040.	040.	121.	136.
9 36 4	040.	040.	123.	135.

TIME H/M/S	AF 39 BULK HEAD FS476 UEGF	AF 40 LOW CAP MING PIVOT	AF 41 MING PIVOT	AF 42 UP FRAME FS778 DEGF
17				
9 36 9	848.	848.	123.	139.
9 36 14	848.	848.	124.	138.
9 36 19	848.	848.	124.	135.
9 36 24	848.	848.	124.	134.
9 36 29	848.	848.	123.	134.
9 36 34	848.	848.	123.	137.
9 36 39	848.	848.	124.	138.
9 36 44	848.	848.	124.	139.
9 36 49	848.	848.	124.	134.
9 36 54	848.	848.	125.	133.
9 36 59	848.	848.	122.	136.
9 37 4	848.	848.	123.	133.
9 37 9	848.	848.	123.	137.
9 37 14	848.	848.	123.	137.
9 37 19	848.	848.	121.	134.
9 37 24	848.	848.	125.	135.
9 37 29	848.	848.	127.	132.
9 37 34	848.	848.	126.	135.
9 37 39	848.	848.	123.	134.
9 37 44	848.	848.	124.	133.
9 37 49	848.	848.	126.	136.
9 37 54	848.	848.	125.	133.
9 37 59	848.	848.	124.	137.
9 38 4	848.	848.	124.	137.
9 38 9	848.	848.	125.	135.
9 38 14	848.	848.	126.	134.
9 38 19	848.	848.	123.	137.
9 38 24	848.	848.	122.	137.
9 38 29	848.	848.	124.	139.
9 38 34	848.	848.	126.	137.
9 38 39	848.	848.	125.	139.
9 38 44	848.	848.	124.	138.
9 38 49	848.	848.	124.	133.
9 38 54	848.	848.	123.	134.
9 38 59	848.	848.	127.	134.
9 39 4	848.	848.	126.	138.
9 39 9	848.	848.	125.	133.
9 39 14	848.	848.	124.	135.
9 39 19	848.	848.	126.	131.
9 39 24	848.	848.	124.	136.
9 39 29	848.	848.	129.	137.
9 39 34	848.	848.	122.	138.
9 39 39	848.	848.	125.	137.
9 39 44	848.	848.	126.	138.
9 39 49	848.	848.	124.	141.
9 39 54	848.	848.	123.	142.
9 39 59	848.	848.	122.	144.
9 40 4	848.	848.	119.	140.
9 40 9	848.	848.	126.	137.
9 40 14	848.	848.	124.	137.
9 40 19	848.	848.	125.	133.
9 40 24	848.	848.	124.	135.
9 40 29	848.	848.	126.	131.
9 40 34	848.	848.	124.	136.
9 40 39	848.	848.	129.	137.
9 40 44	848.	848.	122.	138.
9 40 49	848.	848.	125.	137.
9 40 54	848.	848.	126.	138.
9 40 59	848.	848.	124.	141.
9 41 4	848.	848.	123.	142.
9 41 9	848.	848.	122.	144.
9 41 14	848.	848.	119.	140.
9 41 19	848.	848.	126.	137.
9 41 24	848.	848.	124.	137.
9 41 29	848.	848.	125.	133.
9 41 34	848.	848.	124.	135.
9 41 39	848.	848.	126.	131.
9 41 44	848.	848.	124.	136.
9 41 49	848.	848.	129.	137.
9 41 54	848.	848.	122.	138.
9 41 59	848.	848.	125.	137.
9 42 4	848.	848.	126.	138.
9 42 9	848.	848.	124.	141.
9 42 14	848.	848.	123.	142.
9 42 19	848.	848.	122.	144.
9 42 24	848.	848.	119.	140.
9 42 29	848.	848.	126.	137.
9 42 34	848.	848.	124.	137.
9 42 39	848.	848.	125.	133.
9 42 44	848.	848.	124.	135.
9 42 49	848.	848.	126.	131.
9 42 54	848.	848.	124.	136.
9 42 59	848.	848.	129.	137.
9 43 4	848.	848.	122.	138.
9 43 9	848.	848.	125.	137.
9 43 14	848.	848.	126.	138.
9 43 19	848.	848.	124.	141.
9 43 24	848.	848.	123.	142.
9 43 29	848.	848.	122.	144.
9 43 34	848.	848.	119.	140.
9 43 39	848.	848.	126.	137.
9 43 44	848.	848.	124.	137.
9 43 49	848.	848.	125.	133.
9 43 54	848.	848.	124.	135.
9 43 59	848.	848.	126.	131.
9 44 4	848.	848.	124.	136.
9 44 9	848.	848.	129.	137.
9 44 14	848.	848.	122.	138.
9 44 19	848.	848.	125.	137.
9 44 24	848.	848.	126.	138.
9 44 29	848.	848.	124.	141.
9 44 34	848.	848.	123.	142.
9 44 39	848.	848.	122.	144.
9 44 44	848.	848.	119.	140.
9 44 49	848.	848.	126.	137.
9 44 54	848.	848.	124.	137.
9 44 59	848.	848.	125.	133.
9 45 4	848.	848.	124.	135.
9 45 9	848.	848.	126.	131.
9 45 14	848.	848.	124.	136.
9 45 19	848.	848.	129.	137.
9 45 24	848.	848.	122.	138.
9 45 29	848.	848.	125.	137.
9 45 34	848.	848.	126.	138.
9 45 39	848.	848.	124.	141.
9 45 44	848.	848.	123.	142.
9 45 49	848.	848.	122.	144.
9 45 54	848.	848.	119.	140.
9 45 59	848.	848.	126.	137.

421

RUN 105-2 (105 DEGREES F), 30 MARCH 1972

Synopsis

This was the second test data run at 105 degrees F with about 50-percent relative humidity. After a 19-hour temperature soak, the right hand engine was started and a crossbleed made to the left. With the exception of the avionics, which degraded further, an uneventful test followed. Engine shutdown was 51 minutes after start.

Inoperative Parameters

AF-5**	EC-99
AF-7	EC-100
AF-8	EC-101
AF-10*	EC-102
AF-39	PR-04
AF-40	PR-06
EC-02	PR-25
EC-28 (change sign)	PR-27A
EC-33 (change sign)	
EC-56* (change sign)	
EC-60	
EC-62	
EC-87	
EC-91	
EC-93	

*Intermittent

**Functions, but is not linear.

Crossed feedback pressure lines to the 4-3 hot air control-stabilizer existed during these tests.

Data Events (hr/min/sec)

<u>Data On</u>	<u>Data Off</u>	<u>Event</u>
125553	125708	Prestart soak data.
132220	132318	LH engine start and stabilize to idle.
132443	133140	Accel to 85 percent and ECS check.
135126	135307	CADC self check.
135720	135926	Run up to military power and fuel pressure.
140603	140638	Gear retraction check.
141309	141334	Idle data, RH engine shutdown.
141608	141636	LH engine shutdown.
141821	141907	Postflight data checks.

B COMMUTATOR

TIME M/Y/S	AF 1A INIT LANDING GEAR UP	AF 1B INIT LANDING GEAR ON	AF 2A POSITN MAIN GR UP	AF 2B POSITN MAIN GR DN	AF 3A POSITN NOSE LANDING SR UP	AF 3B POSITN NOSE LANDING GEAR DN	PR 03 TEMP TUBIN INLET TTSL/H ENGINE	CS 01 AIRSPO (TRUE)	CS 02 MACH NUMBER	CS 04 HEARONG ARCRFT	IN 03 EVENT MARKER CAMERA SWITCH	IN 04 INT ENG START L+R	EC 02 RATE ALT PRESS
12 55 53	0.	1.	0.	1.	0.	1.	16.8	287.36	LOW	71.93	0.	0.	-388.
12 55 50	0.	1.	0.	1.	0.	1.	16.5	285.78	LOW	68.79	0.	0.	-388.
12 56 3	0.	1.	0.	1.	0.	1.	16.9	285.78	LOW	66.76	0.	0.	-358.
12 56 8	0.	1.	0.	1.	0.	1.	16.1	284.87	LOW	65.84	0.	0.	-311.
12 56 13	0.	1.	0.	1.	0.	1.	16.8	282.37	LOW	66.02	0.	0.	-272.
12 56 18	0.	1.	0.	1.	0.	1.	16.1	284.04	LOW	66.02	0.	0.	-388.
12 56 23	0.	1.	0.	1.	0.	1.	16.8	285.78	LOW	65.84	0.	0.	-358.
12 56 28	0.	1.	0.	1.	0.	1.	16.5	285.78	LOW	66.02	0.	0.	-311.
12 56 33	0.	1.	0.	1.	0.	1.	16.8	285.78	LOW	65.84	0.	0.	-388.
12 56 38	0.	1.	0.	1.	0.	1.	16.8	285.78	LOW	66.02	0.	0.	-311.
12 56 43	0.	1.	0.	1.	0.	1.	16.8	285.78	LOW	65.84	0.	0.	-388.
12 56 48	0.	1.	0.	1.	0.	1.	17.1	289.83	LOW	65.47	0.	0.	-311.
12 56 53	0.	1.	0.	1.	0.	1.	16.8	279.85	LOW	65.66	0.	0.	-272.
12 57 3	0.	1.	0.	1.	0.	1.	16.8	282.37	LOW	65.66	0.	0.	-155.
12 57 8	0.	1.	0.	1.	0.	1.	16.1	285.78	LOW	65.29	0.	0.	-272.
13 22 20	0.	1.	0.	1.	0.	1.	16.8	287.36	LOW	65.18	0.	0.	-544.
13 22 25	0.	1.	0.	1.	0.	1.	17.4	0.00	0.075	53.85	0.	1.	-583.
13 22 30	0.	1.	0.	1.	0.	1.	19.4	0.00	0.093	53.67	0.	1.	-466.
13 22 35	0.	1.	0.	1.	0.	1.	161.9	0.84	0.0844	53.11	0.	1.	-503.
13 22 40	0.	1.	0.	1.	0.	1.	493.9	0.00	0.0369	53.11	0.	1.	-932.
13 22 45	0.	1.	0.	1.	0.	1.	512.3	0.00	0.0488	53.48	0.	1.	-621.
13 22 50	0.	1.	0.	1.	0.	1.	475.5	0.00	0.0396	52.75	0.	0.	-544.
13 22 55	0.	1.	0.	1.	0.	1.	478.6	0.84	0.0607	53.11	0.	0.	-466.
13 23 0	0.	1.	0.	1.	0.	1.	489.8	0.00	0.0607	53.48	0.	0.	-699.
13 23 5	0.	1.	0.	1.	0.	1.	492.1	0.84	0.0633	53.38	0.	0.	-544.
13 23 10	0.	1.	0.	1.	0.	1.	490.8	0.00	0.0316	53.85	0.	0.	-738.
13 24 43	0.	1.	0.	1.	0.	1.	572.4	0.00	0.0409	53.30	0.	0.	-544.
13 24 48	0.	1.	0.	1.	0.	1.	698.6	1.68	0.0607	51.64	0.	0.	-738.
13 24 53	0.	1.	0.	1.	0.	1.	705.4	0.00	0.0633	51.89	0.	0.	-311.
13 25 3	0.	1.	0.	1.	0.	1.	725.6	0.00	0.0686	50.53	0.	0.	-503.
13 25 8	0.	1.	0.	1.	0.	1.	728.1	0.00	0.0738	52.38	0.	0.	-621.
13 25 13	0.	1.	0.	1.	0.	1.	736.6	1.68	0.0554	50.98	0.	0.	-621.
13 25 18	0.	1.	0.	1.	0.	1.	737.3	2.51	0.0567	50.53	0.	0.	-824.
13 25 23	0.	1.	0.	1.	0.	1.	735.4	1.68	0.0659	51.64	0.	0.	-777.
13 25 28	0.	1.	0.	1.	0.	1.	736.6	0.84	0.0567	51.27	0.	0.	-388.
13 25 33	0.	1.	0.	1.	0.	1.	737.9	LOW	0.0527	51.27	0.	0.	-466.
13 25 38	0.	1.	0.	1.	0.	1.	730.5	*01.00.00	0.0541	51.82	0.	0.	-544.
13 25 43	0.	1.	0.	1.	0.	1.	737.9	1.68	0.0475	51.64	0.	0.	-583.
13 25 48	0.	1.	0.	1.	0.	1.	738.5	0.84	0.0554	51.27	0.	0.	-621.
13 25 53	0.	1.	0.	1.	0.	1.	734.2	0.00	0.0606	51.27	0.	0.	-466.
13 26 3	0.	1.	0.	1.	0.	1.	736.6	0.04	0.0607	51.64	0.	0.	-621.
13 26 8	0.	1.	0.	1.	0.	1.	741.5	0.84	0.0607	51.64	0.	0.	-699.
13 26 13	0.	1.	0.	1.	0.	1.	740.3	0.00	0.0580	52.19	0.	0.	-544.
13 26 18	0.	1.	0.	1.	0.	1.	739.1	0.00	0.0501	51.64	0.	0.	-544.

TIME H/M/S	AF 1A INIT LANDING GEAR UP	AF 1B INIT LANDING GEAR DN	AF 2A POSITN MAIN LANDING GR JP	AF 2B POSITN MAIN LANDING GR DN	AF 3A POSITN NOSE LANDING GEAR UP	AF 3B POSITN NOSE LANDING GEAR DN	DP 03 TEMP TURBIN INLET YTSL/H ENGINE	CS 01 LIRSPD (TRUE)	CS 02 MACH NUMBER	CS 04 HEADING ARCFT	IN 03 EVENT CAMERA SWITCH	IN 04 INT ENG SIART L/R	EC 02 RATE ALT PRESS
13 26 13	0.	1.	3.	1.	0.	1.	739.1	.84	.0527	51.45	0.	0.	-583.
13 26 18	0.	1.	0.	1.	0.	1.	740.3	0.00	.0607	51.64	0.	0.	-854.
13 26 23	0.	1.	0.	1.	0.	1.	740.9	.04	.0567	50.72	0.	0.	-932.
13 26 29	0.	1.	0.	1.	0.	1.	742.8	LOW	.0659	54.22	0.	0.	-777.
13 26 34	0.	1.	0.	1.	0.	1.	740.9	*0000.00	.0554	53.30	0.	0.	-777.
13 26 39	0.	1.	0.	1.	0.	1.	739.1	0.00	.0594	52.38	0.	0.	-621.
13 26 44	0.	1.	0.	1.	0.	1.	739.7	.84	.0633	51.82	0.	0.	-505.
13 26 49	0.	1.	0.	1.	0.	1.	740.3	0.00	.0738	51.27	0.	0.	-544.
13 26 54	0.	1.	0.	1.	0.	1.	737.3	0.00	.0633	51.27	0.	0.	-544.
13 26 59	0.	1.	0.	1.	0.	1.	741.5	1.68	.0501	51.27	0.	0.	-854.
13 27 4	0.	1.	0.	1.	0.	1.	740.9	1.68	.0462	51.09	0.	0.	-816.
13 27 9	0.	1.	0.	1.	0.	1.	729.3	1.68	.0607	51.64	0.	0.	-621.
13 27 14	0.	1.	0.	1.	0.	1.	734.8	.84	.0646	51.64	0.	0.	-777.
13 27 19	0.	1.	0.	1.	0.	1.	733.0	0.00	.0607	50.53	0.	0.	-233.
13 27 24	0.	1.	0.	1.	0.	1.	733.6	*0000.00	.8501	50.53	0.	0.	-311.
13 27 29	0.	1.	0.	1.	0.	1.	730.5	0.00	.0475	52.75	0.	0.	-621.
13 27 34	0.	1.	0.	1.	0.	1.	731.7	.84	.0580	52.01	0.	0.	-583.
13 27 39	0.	1.	0.	1.	0.	1.	728.1	0.00	.0422	51.64	0.	0.	-583.
13 27 44	0.	1.	0.	1.	0.	1.	726.8	*0000.00	.0489	52.81	0.	0.	-899.
13 27 49	0.	1.	0.	1.	0.	1.	729.3	3.35	.0475	50.53	0.	0.	-544.
13 27 54	0.	1.	0.	1.	0.	1.	728.1	1.68	.0462	52.38	0.	0.	-738.
13 27 59	0.	1.	0.	1.	0.	1.	728.1	0.00	.0712	50.53	0.	0.	-932.
13 28 4	0.	1.	0.	1.	0.	1.	727.5	*0000.00	.8725	51.64	0.	0.	-699.
13 28 9	0.	1.	0.	1.	0.	1.	728.1	LOW	.0633	50.16	0.	0.	-155.
13 28 14	0.	1.	0.	1.	0.	1.	727.5	*0000.00	.0500	50.35	0.	0.	-585.
13 28 19	0.	1.	0.	1.	0.	1.	728.1	1.68	.0396	51.64	0.	0.	-621.
13 28 24	0.	1.	0.	1.	0.	1.	727.5	.84	.0541	51.45	0.	0.	-466.
13 28 29	0.	1.	0.	1.	0.	1.	725.6	0.00	.0396	52.01	0.	0.	-583.
13 28 34	0.	1.	0.	1.	0.	1.	725.6	0.00	.0541	51.45	0.	0.	-544.
13 28 39	0.	1.	0.	1.	0.	1.	725.6	3.35	.0606	52.01	0.	0.	-544.
13 28 44	0.	1.	0.	1.	0.	1.	726.8	1.68	.0646	51.27	0.	0.	-621.
13 28 49	0.	1.	0.	1.	0.	1.	728.1	1.68	.0659	53.48	0.	0.	-544.
13 28 54	0.	1.	0.	1.	0.	1.	718.9	.84	.0659	52.56	0.	0.	-854.
13 28 59	0.	1.	0.	1.	0.	1.	725.6	5.83	.0659	54.22	0.	0.	-854.
13 29 5	0.	1.	0.	1.	0.	1.	726.2	2.51	.0633	52.75	0.	0.	-466.
13 29 10	0.	1.	0.	1.	0.	1.	725.6	0.00	.0527	51.27	0.	0.	-699.
13 29 15	0.	1.	0.	1.	0.	1.	725.0	0.00	.0646	50.53	0.	0.	-738.
13 29 20	0.	1.	0.	1.	0.	1.	747.7	1.68	.0607	51.27	0.	0.	-388.
13 29 25	0.	1.	0.	1.	0.	1.	746.5	.84	.0567	51.82	0.	0.	-816.
13 29 30	0.	1.	0.	1.	0.	1.	746.0	1.68	.0607	51.27	0.	0.	-699.
13 29 35	0.	1.	0.	1.	0.	1.	745.2	.84	.0541	51.27	0.	0.	-816.
13 29 40	0.	1.	0.	1.	0.	1.	747.7	0.00	.0580	50.53	0.	0.	-544.
13 29 45	0.	1.	0.	1.	0.	1.	747.7	0.00	.0620	51.27	0.	0.	-777.
13 29 50	0.	1.	0.	1.	0.	1.	751.4	3.35	.0633	50.53	0.	0.	-1165.
13 29 55	0.	1.	0.	1.	0.	1.	749.5	1.68	.0633	51.45	0.	0.	-621.
13 30 0	0.	1.	0.	1.	0.	1.	747.7	3.35	.0659	50.16	0.	0.	-699.
13 30 5	0.	1.	0.	1.	0.	1.	747.7	1.68	.0659	52.75	0.	0.	-621.
13 30 10	0.	1.	0.	1.	0.	1.	747.7	1.68	.0791	51.45	0.	0.	-699.
13 30 15	0.	1.	0.	1.	0.	1.	747.1	.84	.0607	51.45	0.	0.	-699.

TIME H/M/S	AF 1A INIT LANDING GEAR UP	AF 1B INIT LANDING GEAR DN	AF 2A POSIN MAIN LANDING GR UP	AF 2B POSIN MAIN LANDING GR DN	AF 3A POSIN NOSE LANDING GR UP	AF 3B POSIN NOSE LANDING GEAR DN	PR 03 TEMP TURBIN INLET TTS/L/H ENGINE	CS 01 AIRSPD (TRUE)	CS 02 MACH NUMBER	CS 04 HEADING ARCFT	IN 03 EVENT MARKER CAMERA SWITCH	IN 04 INT ENG START L+R	EC 02 RATE ALT PRESS
13 30 20	0.	1.	0.	1.	0.	1.	747.7	0.88	0.422	52.01	0.	0.	-621.
13 30 25	0.	1.	0.	1.	0.	1.	747.7	0.88	0.541	51.02	0.	0.	-427.
13 30 30	0.	1.	0.	1.	0.	1.	747.7	1.58	0.422	51.64	0.	0.	-621.
13 30 35	0.	1.	0.	1.	0.	1.	747.7	2.51	0.435	50.72	0.	0.	-621.
13 30 40	0.	1.	0.	1.	0.	1.	747.7	0.88	0.475	51.27	0.	0.	-854.
13 30 45	0.	1.	0.	1.	0.	1.	748.3	0.88	0.567	50.53	0.	0.	-1206.
13 30 50	0.	1.	0.	1.	0.	1.	747.7	LOW	0.633	50.98	0.	0.	-311.
13 30 55	0.	1.	0.	1.	0.	1.	748.3	0.000.00	0.659	51.09	0.	0.	-932.
13 31 0	0.	1.	0.	1.	0.	1.	748.9	1.58	0.475	49.80	0.	0.	-609.
13 31 5	0.	1.	0.	1.	0.	1.	748.9	0.84	0.633	50.16	0.	0.	-660.
13 31 10	0.	1.	0.	1.	0.	1.	750.1	0.88	0.633	51.27	0.	0.	-609.
13 31 15	0.	1.	0.	1.	0.	1.	748.3	0.000.00	0.620	51.27	0.	0.	-621.
13 31 20	0.	1.	0.	1.	0.	1.	748.9	0.88	0.818	54.22	0.	0.	-544.
13 31 25	0.	1.	0.	1.	0.	1.	739.1	0.88	0.686	52.19	0.	0.	-544.
13 31 30	0.	1.	0.	1.	0.	1.	736.6	0.88	0.369	54.22	0.	0.	-854.
13 31 35	0.	1.	0.	1.	0.	1.	672.3	0.88	0.475	51.09	0.	0.	-1010.
13 31 40	0.	1.	0.	1.	0.	1.	581.8	1.58	0.587	51.27	0.	0.	-621.
13 31 45	0.	1.	0.	1.	0.	1.	558.9	0.84	0.554	51.65	0.	0.	-503.
13 32 17	0.	1.	0.	1.	0.	1.	535.6	1.68	0.396	51.64	0.	0.	-621.
13 32 22	0.	1.	0.	1.	0.	1.	535.0	0.000.00	0.500	51.64	0.	0.	-621.
13 32 35	0.	1.	0.	1.	0.	1.	545.4	3.35	0.396	50.53	0.	0.	-621.
13 32 37	0.	1.	0.	1.	0.	1.	538.7	1.68	0.409	50.53	0.	0.	-660.
13 32 42	0.	1.	0.	1.	0.	1.	544.2	1.68	0.527	51.27	0.	0.	-388.
13 32 47	0.	1.	0.	1.	0.	1.	538.1	1.68	0.400	51.65	0.	0.	-544.
13 32 52	0.	1.	0.	1.	0.	1.	529.5	1.68	0.659	51.64	0.	0.	-544.
13 32 57	0.	1.	0.	1.	0.	1.	527.6	0.84	0.541	51.09	0.	0.	-544.
13 33 2	0.	1.	0.	1.	0.	1.	528.3	1.68	0.581	49.83	0.	0.	-609.
13 33 7	0.	1.	0.	1.	0.	1.	528.3	0.84	0.659	49.90	0.	0.	-699.
13 33 12	0.	1.	0.	1.	0.	1.	528.3	1.68	0.581	51.27	0.	0.	-544.
13 33 17	0.	1.	0.	1.	0.	1.	527.8	1.68	0.673	50.72	0.	0.	-621.
13 33 27	0.	1.	0.	1.	0.	1.	525.8	1.68	0.527	52.38	0.	0.	-699.
13 33 27	0.	1.	0.	1.	0.	1.	526.4	0.84	0.541	52.01	0.	0.	-699.
13 33 33	0.	1.	0.	1.	0.	1.	527.8	0.88	0.581	50.16	0.	0.	-621.
13 33 38	0.	1.	0.	1.	0.	1.	527.8	2.51	0.448	51.09	0.	0.	-660.
13 33 43	0.	1.	0.	1.	0.	1.	527.8	1.68	0.791	50.53	0.	0.	-621.
13 33 53	0.	1.	0.	1.	0.	1.	527.6	0.84	0.606	50.16	0.	0.	-1007.
13 33 53	0.	1.	0.	1.	0.	1.	527.0	0.88	0.659	50.90	0.	0.	-544.
13 33 58	0.	1.	0.	1.	0.	1.	527.0	0.88	0.567	50.90	0.	0.	-621.
13 34 3	0.	1.	0.	1.	0.	1.	527.8	0.88	0.648	50.16	0.	0.	-777.
13 34 8	0.	1.	0.	1.	0.	1.	526.4	0.88	0.409	52.19	0.	0.	-777.
13 34 13	0.	1.	0.	1.	0.	1.	527.0	0.88	0.648	50.98	0.	0.	-777.
13 34 18	0.	1.	0.	1.	0.	1.	527.0	0.88	0.435	49.80	0.	0.	-730.
13 34 23	0.	1.	0.	1.	0.	1.	527.8	0.88	0.648	50.98	0.	0.	-932.
13 34 29	0.	1.	0.	1.	0.	1.	525.6	0.00	0.435	51.64	0.	0.	-730.
13 34 42	0.	1.	0.	1.	0.	1.	527.8	0.00	0.475	51.27	0.	0.	-699.
13 34 39	0.	1.	0.	1.	0.	1.	527.6	0.88	0.500	50.90	0.	0.	-816.
13 34 44	0.	1.	0.	1.	0.	1.	529.5	3.35	0.527	51.27	0.	0.	-621.
13 34 49	0.	1.	0.	1.	0.	1.	528.3	1.68	0.628	51.65	0.	0.	-699.
13 34 54	0.	1.	0.	1.	0.	1.	527.0	1.68	0.607	49.80	0.	0.	-699.

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TIME H/M/S	AF 1A INIT LANDING GEAR UP	AF 19 INIJ LANDING GEAR DN	AF 2A POSIM MAIN LANDING GR UP	AF 2B POSIM MAIN LANDING GR DN	AF 3A POSIM NOSE LANDING GR UP	AF 3B POSIM NOSE LANDING GEAR DN	PR 03 JERF TURBIN INLET TISL/H ENGINE	CS 01 IIRSPD (TRUE)	CS 02 MACH NUMBER	CS 04 HEADING ARCFT	IN 03 EVENT CAMERA SWITCH	IN 04 INT ENG START L+R	EC 02 RATE ALT PRESS
13 34 59	0.	1.	1.	1.	0.	1.	525.4	0000.00	.0712	50.15	1.	1.	-503.
13 35 4	0.	1.	0.	1.	0.	1.	527.0	1.68	.0712	51.27	0.	1.	-621.
13 35 9	0.	1.	0.	1.	0.	1.	527.0	2.51	.0586	50.90	1.	1.	-699.
13 35 14	0.	1.	0.	1.	0.	1.	533.2	1.60	.0554	50.90	0.	0.	-699.
13 35 19	0.	1.	0.	1.	0.	1.	532.5	.84	.0712	50.35	1.	1.	-668.
13 35 24	0.	1.	0.	1.	0.	1.	533.2	0.00	.0607	51.64	0.	0.	-699.
13 35 29	0.	1.	0.	1.	0.	1.	538.7	1.60	.0567	50.72	0.	0.	-738.
13 35 34	0.	1.	0.	1.	0.	1.	538.7	0.00	.0422	50.90	0.	0.	-544.
13 35 39	0.	1.	0.	1.	0.	1.	531.3	0.00	.0448	50.90	0.	0.	-544.
13 35 44	0.	1.	0.	1.	0.	1.	533.2	0.00	.0606	50.16	0.	0.	-932.
13 51 26	0.	1.	0.	1.	0.	1.	525.2	0.38	.1319	106.06	0.	0.	19534.
13 51 26	0.	1.	0.	1.	0.	1.	510.5	579.90	.7617	327.30	0.	0.	40000.
13 51 31	0.	1.	0.	1.	0.	1.	517.2	729.86	.0468	326.68	0.	0.	40000.
13 51 36	0.	1.	0.	1.	0.	1.	516.0	0.07.93	1.1263	322.94	0.	0.	40000.
13 51 41	0.	1.	0.	1.	0.	1.	517.8	345.33	1.2287	324.18	0.	0.	40000.
13 51 46	0.	1.	0.	1.	0.	1.	517.2	1122.51	1.5734	326.37	0.	0.	40000.
13 51 51	0.	1.	0.	1.	0.	1.	516.6	1180.73	1.7185	325.98	0.	0.	40000.
13 51 57	0.	1.	0.	1.	0.	1.	513.5	1723.01	2.1110	325.12	0.	0.	-466.
13 52 2	0.	1.	0.	1.	0.	1.	514.2	1113.82	2.8977	325.28	0.	0.	-583.
13 52 15	0.	1.	0.	1.	0.	1.	510.5	1320.48	2.0951	324.81	0.	0.	-621.
13 52 12	0.	1.	0.	1.	0.	1.	517.8	317.85	1.8666	324.81	0.	0.	0737056.
13 52 17	0.	1.	0.	1.	0.	1.	517.2	139.16	.1952	326.37	0.	0.	LOW
13 52 22	0.	1.	0.	1.	0.	1.	517.2	128.26	.1793	328.06	0.	0.	LOW
13 52 35	0.	1.	0.	1.	0.	1.	513.5	92.21	.1160	324.19	0.	0.	LOW
13 52 32	0.	1.	0.	1.	0.	1.	528.9	82.99	.1288	325.28	0.	0.	LOW
13 52 37	0.	1.	0.	1.	0.	1.	517.2	45.27	.1100	325.12	0.	0.	LOW
13 52 42	0.	1.	0.	1.	0.	1.	517.8	31.86	.1088	325.12	0.	0.	LOW
13 52 47	0.	1.	0.	1.	0.	1.	516.0	0.00	.0791	325.43	0.	0.	-466.
13 52 52	0.	1.	0.	1.	0.	1.	517.2	.84	.0599	324.97	0.	0.	-544.
13 52 57	0.	1.	0.	1.	0.	1.	510.5	144.19	.2057	325.43	0.	0.	-544.
13 53 2	0.	1.	0.	1.	0.	1.	517.0	145.83	.1859	325.43	0.	0.	-585.
13 53 7	0.	1.	0.	1.	0.	1.	519.7	1.60	.0527	326.06	0.	0.	-466.
13 57 20	0.	1.	0.	1.	0.	1.	528.3	.84	.0581	325.98	0.	0.	-583.
13 57 25	0.	1.	0.	1.	0.	1.	519.7	1.60	.0369	326.06	0.	0.	-699.
13 57 30	0.	1.	0.	1.	0.	1.	575.5	7.54	.0435	325.43	0.	0.	-738.
13 57 35	0.	1.	0.	1.	0.	1.	605.2	0.00	.0765	325.12	0.	0.	-544.
13 57 40	0.	1.	0.	1.	0.	1.	712.1	0.00	.0646	324.58	0.	0.	-488.
13 57 45	0.	1.	0.	1.	0.	1.	700.1	15.09	.0712	326.06	0.	0.	-1553.
13 57 50	0.	1.	0.	1.	0.	1.	814.5	7.54	.0554	326.52	0.	0.	-1553.
13 58 0	0.	1.	0.	1.	0.	1.	902.1	0.00	.0422	326.68	0.	0.	-544.
13 58 0	0.	1.	0.	1.	0.	1.	943.8	.84	.0462	325.98	0.	0.	-699.
13 58 5	0.	1.	0.	1.	0.	1.	1060.0	0.00	.0501	324.50	0.	0.	-544.
13 58 10	0.	1.	0.	1.	0.	1.	1072.5	0.00	.0620	324.81	0.	0.	-388.
13 58 15	0.	1.	0.	1.	0.	1.	1082.3	1.60	.0554	323.00	0.	0.	-621.
13 58 20	0.	1.	0.	1.	0.	1.	1082.9	0.00	.0613	324.01	0.	0.	-621.
13 58 25	0.	1.	0.	1.	0.	1.	1093.4	1.60	.0607	324.19	0.	0.	-544.
13 58 31	0.	1.	0.	1.	0.	1.	1090.3	.84	.0686	324.65	0.	0.	-583.
13 58 36	0.	1.	0.	1.	0.	1.	1086.0	0.00	.0396	325.43	0.	0.	-621.
13 58 41	0.	1.	0.	1.	0.	1.	1087.2	0.00	.0607	324.65	0.	0.	-621.

TIME H/M/S	AF 1A INIT LANDING GEAR UP	AF 1B INIT LANDING GEAR DN	AF 2A POSITN MAIN LANDING GR UP	AF 2B POSITN MAIN LANDING GR DN	AF 3A POSITN NOSE LANDING GR UP	AF 3B POSITN NOSE LANDING GEAR DN	PR 03 TEMP TURBIN INLET TYSL/H ENGINE	CS 01 AIRSPD (TRUE)	CS 02 MACH NUMBER	CS 04 HEACNG ARCFT	IN 03 EVENT MARKER CAMERA SWITCH	IN 04 INT ENG START L+R	EC 02 RATE ALT PRESS
13 58 46	0.	1.	0.	1.	0.	1.	1887.2	0.00	-0.738	324.81	0.	0.	-1263.
13 58 51	0.	1.	0.	1.	0.	1.	1024.1	0.00	-0.0712	324.97	0.	0.	-1263.
13 58 56	0.	1.	0.	1.	0.	1.	664.3	0.00	-0.0686	325.12	0.	0.	-777.
13 59 1	0.	1.	0.	1.	0.	1.	652.1	0.04	-0.0620	324.65	0.	0.	-621.
13 59 6	0.	1.	0.	1.	0.	1.	686.7	1.68	-0.0396	325.43	0.	0.	-621.
13 59 11	0.	1.	0.	1.	0.	1.	596.3	0.00	-0.0500	325.28	0.	0.	-777.
13 59 16	0.	1.	0.	1.	0.	1.	572.4	0.00	-0.0581	324.81	0.	0.	-621.
13 59 21	0.	1.	0.	1.	0.	1.	566.9	0.00	-0.0448	324.19	0.	0.	-738.
13 59 26	0.	1.	0.	1.	0.	1.	556.5	0.00	-0.0686	325.12	0.	0.	-699.
14 6 3	1.	1.	0.	1.	0.	1.	546.6	0.00	-0.0686	324.97	0.	0.	-699.
14 6 8	1.	1.	0.	1.	0.	1.	550.3	0.00	-0.0422	324.50	0.	0.	-777.
14 6 13	1.	1.	0.	1.	0.	1.	546.6	0.00	-0.0527	324.03	0.	0.	-699.
14 6 23	1.	1.	0.	1.	0.	1.	538.1	0.00	-0.0422	324.81	0.	0.	-621.
14 6 33	1.	1.	0.	1.	0.	1.	539.9	0.04	-0.0501	324.97	0.	0.	-503.
14 6 38	1.	1.	0.	1.	0.	1.	541.7	1.68	-0.0581	325.43	0.	0.	-544.
14 6 43	1.	1.	0.	1.	0.	1.	541.1	0.00	-0.0501	325.43	0.	0.	-699.
14 6 48	0.	1.	0.	1.	0.	1.	536.8	0.00	-0.0501	326.86	0.	0.	-1553.
14 6 53	0.	1.	0.	1.	0.	1.	537.5	0.00	-0.0501	325.90	0.	0.	-971.
14 6 58	0.	1.	0.	1.	0.	1.	617.7	1.68	-0.0396	325.74	0.	0.	-544.
14 7 3	0.	1.	0.	1.	0.	1.	622.0	0.00	-0.0000	324.81	0.	0.	-621.
14 7 8	0.	1.	0.	1.	0.	1.	630.0	0.00	-0.0211	323.88	0.	0.	-854.
14 7 13	0.	1.	0.	1.	0.	1.	633.1	0.00	-0.0000	324.19	0.	0.	-854.
14 7 18	0.	1.	0.	1.	0.	1.	636.1	0.00	LOW	324.19	0.	0.	-621.
14 7 23	0.	1.	0.	1.	0.	1.	638.0	1.68	LOW	323.41	0.	0.	-621.
14 7 28	0.	1.	0.	1.	0.	1.	642.3	0.00	LOW	323.88	0.	0.	-621.
14 7 33	0.	1.	0.	1.	0.	1.	643.5	0.00	LOW	324.03	0.	0.	-583.
14 7 38	0.	1.	0.	1.	0.	1.	645.9	1.68	LOW	324.81	0.	0.	-699.
14 7 43	0.	1.	0.	1.	0.	1.	646.5	0.00	-0.0000	324.81	0.	0.	-668.
14 7 48	0.	1.	0.	1.	0.	1.	425.3	0.00	-0.0000	322.81	0.	0.	-621.
14 7 53	0.	1.	0.	1.	0.	1.	388.5	0.04	-0.0000	322.79	0.	0.	-621.
14 7 58	0.	1.	0.	1.	0.	1.	338.3	3.35	-0.0053	325.12	0.	0.	-699.
14 8 3	0.	1.	0.	1.	0.	1.	335.8	1.68	-0.0000	325.43	0.	0.	-668.
14 8 8	0.	1.	0.	1.	0.	1.	361.5	1.68	LOW	325.74	0.	0.	-544.
14 8 13	0.	1.	0.	1.	0.	1.	363.0	0.00	LOW	326.21	0.	0.	-544.
14 8 18	0.	1.	0.	1.	0.	1.	419.2	0.00	LOW	324.81	0.	0.	-388.
14 8 23	0.	1.	0.	1.	0.	1.	422.2	0.00	LOW	323.56	0.	0.	-583.
14 8 28	0.	1.	0.	1.	0.	1.	428.4	13.41	-0.0000	323.25	0.	0.	-621.
14 8 33	0.	1.	0.	1.	0.	1.	377.5	7.54	-0.0000	323.03	0.	0.	-583.
14 8 38	0.	1.	0.	1.	0.	1.	335.8	1.68	LOW	325.74	0.	0.	-699.
14 8 43	0.	1.	0.	1.	0.	1.	332.7	0.04	LOW	324.65	0.	0.	-777.
14 8 48	0.	1.	0.	1.	0.	1.	329.7	0.00	LOW	324.19	0.	0.	-777.
14 8 53	0.	1.	0.	1.	0.	1.	330.3	0.00	LOW	324.81	0.	0.	-777.
14 8 58	0.	1.	0.	1.	0.	1.	323.5	1.68	LOW	323.56	0.	0.	-738.
14 9 3	0.	1.	0.	1.	0.	1.	322.9	0.04	LOW	324.50	0.	0.	-777.
14 9 8	0.	1.	0.	1.	0.	1.	322.3	0.00	LOW	323.56	0.	0.	-777.
14 9 13	0.	1.	0.	1.	0.	1.	321.1	0.00	LOW	324.34	0.	0.	-699.
14 9 18	0.	1.	0.	1.	0.	1.	316.2	0.00	LOW	325.12	0.	0.	-621.
14 9 23	0.	1.	0.	1.	0.	1.	315.6	6.71	-0.0000	325.12	0.	0.	-583.

B COMMUTATOR

TIME M/M/S	EC 03 TEMP RAM AR	EC 22 POSITN CONTRL	EC 62 POSITN PRIMEY RAM EXIT DOOR F	AF 4 TOTAL FUEL QNTY	PR 05 POSITN NOZZLE L/HENG	PR 06 POSITN THROTL L/HENG	FC 01 POSITN FLAP	FC 02 POSITN KING SWEEP	FC 03 POSITN SPEED BRAKE DOOR
12 55 53	46.15	LOW	29.423	5596.	8.638	LOW	0.000	16.25	21.00
12 55 58	47.12	LOW	29.521	5459.	8.718	LOW	0.000	16.25	21.94
12 56 3	45.67	LOW	29.619	5688.	8.739	LOW	0.000	16.45	21.94
12 56 8	45.91	LOW	29.472	5688.	8.718	LOW	0.000	16.35	21.91
12 56 13	46.15	LOW	29.521	5688.	8.652	LOW	0.000	16.25	21.00
12 56 18	45.91	LOW	29.423	5642.	8.717	LOW	0.000	16.25	21.00
12 56 23	44.23	LOW	29.521	5688.	8.754	LOW	0.000	16.25	21.00
12 56 28	44.71	LOW	29.374	5642.	8.754	LOW	0.000	16.25	21.00
12 56 38	44.71	LOW	29.935	5688.	8.754	LOW	0.000	16.25	21.00
12 56 43	45.19	LOW	29.881	5688.	8.732	LOW	0.000	16.25	21.00
12 56 51	45.67	LOW	29.138	5596.	8.667	LOW	0.000	16.25	21.00
12 56 48	45.67	LOW	29.983	5642.	8.718	LOW	0.000	16.25	21.00
12 56 53	48.56	LOW	29.326	5596.	8.652	LOW	0.000	16.26	21.00
12 56 58	45.43	LOW	29.472	5953.	8.652	LOW	0.000	16.26	21.00
12 57 3	44.71	LOW	29.423	5688.	8.812	LOW	0.000	16.26	21.00
12 57 8	43.99	LOW	29.326	5688.	8.775	LOW	0.000	16.26	21.00
13 22 28	41.35	45.71	28.739	5596.	8.703	LOW	0.000	16.25	21.64
13 22 25	41.11	44.55	28.641	5505.	7.687	LOW	0.000	16.25	21.61
13 22 38	42.31	44.52	28.837	5505.	4.868	LOW	0.000	16.25	21.58
13 22 35	42.87	45.09	28.592	5505.	7.420	LOW	0.000	16.25	21.53
13 22 40	38.46	45.00	28.837	5688.	10.000	LOW	0.000	16.25	21.64
13 22 45	39.98	45.89	28.788	5642.	9.981	LOW	0.000	16.25	21.64
13 22 50	41.83	43.93	28.641	5688.	10.000	LOW	0.000	16.45	21.64
13 22 55	41.83	44.55	28.690	5596.	10.000	LOW	0.000	16.35	21.61
13 23 8	41.35	46.61	28.837	5596.	10.000	LOW	0.000	16.26	21.64
13 23 5	41.35	46.70	28.641	5558.	9.991	LOW	0.000	16.25	21.64
13 23 18	41.35	46.64	28.837	5505.	9.052	LOW	0.000	16.25	21.58
13 24 43	37.98	45.80	28.788	5413.	6.926	LOW	0.000	16.24	21.58
13 24 48	41.83	45.18	28.541	5321.	8.000	LOW	0.000	16.24	21.64
13 24 61	41.11	44.82	28.543	5275.	0.000	LOW	0.000	16.24	21.58
13 24 58	42.79	44.82	28.837	5321.	0.000	LOW	0.000	16.24	21.64
13 25 3	42.31	44.91	28.788	5387.	0.000	LOW	0.000	16.24	21.61
13 25 8	41.83	46.43	28.641	5275.	0.000	LOW	0.000	16.25	21.53
13 25 13	41.83	46.52	28.543	5275.	0.000	LOW	0.000	16.25	21.53
13 25 18	40.38	2.06	28.446	4954.	0.000	LOW	0.000	16.24	21.58
13 25 23	41.11	2.50	28.250	5138.	0.000	LOW	0.000	16.25	21.47
13 25 28	41.83	2.50	28.258	5229.	0.000	LOW	0.000	16.25	21.56
13 25 33	41.83	2.06	28.348	5229.	0.000	LOW	0.000	16.25	21.64
13 25 38	41.83	2.50	28.446	5138.	0.000	LOW	0.000	16.24	21.61
13 25 43	41.35	51.25	28.397	5229.	0.000	LOW	0.000	16.25	21.58
13 25 53	41.83	108.00	28.348	5138.	0.000	LOW	0.000	16.24	21.58
13 25 58	41.83	100.00	28.250	4954.	0.000	LOW	0.000	16.24	21.61
13 26 3	41.35	100.00	28.641	5229.	.004	LOW	0.000	16.24	21.47
13 26 8	40.38	108.00	29.881	4908.	0.000	LOW	0.000	16.24	21.83
13 26 8	40.38	100.00	28.543	5046.	0.000	LOW	0.000	16.24	21.64

TIME H/M/S	EC 03 TEMP CAN AR	EC 22 POSITN TEMP CONTPL	EC 62 POSITN PRIMRY EXIT DOOR F	AF TOTAL FUEL QNTY	PR 05 POSITN NOZZLE L/HENG	PR 06 POSITN THROTL L/HENG	FC 01 POSITN FLAP	FC 02 POSITN WING SWEEP	FC 03 POSITN SPEED BRAKE DOOR
13 26 13	41.11	*0000.00	20.495	5138.	0.000	LOW	0.000	16.24	21.58
13 26 10	41.93	LOW	20.446	5138.	0.000	LOW	0.000	16.25	21.64
13 26 23	40.63	LOW	20.446	5138.	0.000	LOW	0.000	16.25	21.67
13 26 29	42.79	LOW	20.340	5046.	0.000	LOW	0.000	16.24	21.58
13 26 34	42.31	LOW	20.397	5046.	0.000	LOW	0.000	16.24	21.61
13 26 39	41.03	0.00	20.543	5138.	0.000	LOW	0.000	16.24	21.64
13 26 44	41.83	*0000.00	20.495	5138.	0.000	LOW	0.000	16.25	21.64
13 26 49	41.03	LOW	20.641	5138.	0.000	LOW	0.000	16.25	21.64
13 26 54	41.35	LOW	20.495	5092.	0.000	LOW	0.000	16.25	21.64
13 26 59	42.79	LOW	20.855	5138.	0.000	LOW	0.000	16.24	21.64
13 27 4	42.31	LOW	20.397	5138.	0.000	LOW	0.000	16.25	21.64
13 27 9	40.87	0.00	20.739	5138.	0.000	LOW	0.000	16.25	21.67
13 27 14	41.59	*0000.00	20.690	5092.	0.000	LOW	0.000	16.24	21.58
13 27 19	41.83	1.43	20.446	4587.	0.000	LOW	0.000	16.24	21.58
13 27 24	41.59	2.14	20.495	4771.	0.000	LOW	0.000	16.24	21.64
13 27 29	41.35	.54	20.037	4954.	0.000	LOW	0.000	16.24	21.61
13 27 34	41.59	1.52	20.698	5046.	0.000	LOW	0.000	16.26	21.58
13 27 39	42.07	1.07	20.348	5138.	0.000	LOW	0.000	16.25	21.64
13 27 44	42.31	50.54	20.543	5046.	0.000	LOW	0.000	16.25	21.64
13 27 49	41.59	100.00	20.446	4954.	0.000	LOW	0.000	16.25	21.64
13 27 54	41.59	99.91	20.592	5000.	0.000	LOW	0.000	16.25	21.61
13 27 59	34.62	99.02	20.641	4954.	0.000	LOW	0.000	16.19	21.53
13 28 4	38.22	99.91	20.592	4988.	0.000	LOW	0.000	16.22	21.56
13 28 9	41.03	100.00	20.543	5046.	0.000	LOW	0.000	16.23	21.64
13 28 14	41.35	*0000.00	20.299	5000.	0.000	LOW	0.000	16.24	21.92
13 28 19	41.83	LOW	20.055	4954.	0.000	LOW	0.000	16.25	21.47
13 28 24	41.03	LOW	20.250	4954.	0.000	LOW	0.000	16.24	21.61
13 28 29	41.59	LOW	20.543	4771.	0.000	LOW	0.000	16.25	21.70
13 28 34	41.35	LOW	20.446	4817.	0.000	LOW	0.000	16.25	21.85
13 28 39	41.35	LOW	20.423	4954.	0.000	LOW	0.000	16.23	21.58
13 28 44	41.11	*0000.00	20.903	4954.	0.000	LOW	0.000	16.23	21.64
13 28 49	41.35	LOW	20.340	4771.	0.000	LOW	0.000	16.24	21.58
13 28 54	39.98	LOW	20.397	4312.	0.000	LOW	0.000	16.25	21.58
13 28 59	40.87	0.00	20.037	4587.	0.000	LOW	0.000	16.24	21.58
13 29 5	37.74	*0000.00	20.788	4771.	0.000	LOW	0.000	16.24	21.58
13 29 10	41.83	LOW	20.739	4862.	0.000	LOW	0.000	16.25	21.58
13 29 15	41.35	LOW	20.739	4771.	0.000	LOW	0.000	16.24	21.56
13 29 20	40.87	2.14	20.446	4862.	0.000	LOW	0.000	16.25	21.64
13 29 25	40.07	1.34	20.446	4988.	0.000	LOW	0.000	16.25	21.58
13 29 30	40.30	.89	20.641	4954.	0.000	LOW	0.000	16.25	21.47
13 29 35	39.42	.71	20.592	4954.	0.000	LOW	0.000	16.25	21.56
13 29 40	40.30	3.39	20.055	4679.	0.000	LOW	0.000	16.24	21.76
13 29 45	40.63	51.70	20.250	4679.	0.000	LOW	0.000	16.24	21.70
13 29 50	40.97	100.00	20.541	4679.	0.000	LOW	0.000	16.24	22.10
13 29 55	41.11	100.00	20.495	4725.	0.000	LOW	0.000	16.23	21.87
13 30 0	40.87	100.00	20.641	4587.	0.000	LOW	0.000	16.25	21.50
13 30 5	40.63	100.00	20.641	4679.	0.000	LOW	0.000	16.24	21.53
13 30 10	40.07	100.00	20.055	4679.	0.000	LOW	0.000	16.25	21.64
13 30 15	40.63	*0000.00	20.250	4771.	0.000	LOW	0.000	16.25	21.58

02

TIME
H/M/S

02

	EC TEMP RAM AR	EC TEMP CONTRL	EC PRIMRY RAM EXIT DOOR F	4F TOTAL FUEL QNTY	05 POSITN NOZZLE L/HENG	06 POSITN THROTL L/HENG	01 POSITN FLAP	02 POSITN WING SWEEP	03 POSITN SPEED BRAKE DOOR
13 30 20	40.87	LOW	28.055	4679.	0.000	LOW	0.000	16.25	21.64
13 30 25	40.53	LOW	28.055	4633.	0.000	LOW	0.000	16.24	21.92
13 30 30	39.90	LOW	28.055	4679.	0.000	LOW	0.000	16.23	21.53
13 30 35	40.14	LOW	28.250	4679.	0.000	LOW	0.000	16.24	21.50
13 30 40	40.07	LOW	28.348	5321.	0.000	LOW	0.000	16.24	21.64
13 30 45	40.97	0.000	28.299	5046.	0.000	LOW	0.000	16.24	21.67
13 30 50	40.38	LOW	28.250	4862.	0.000	LOW	0.000	16.25	21.53
13 30 55	40.63	0.000	28.250	4679.	0.000	LOW	0.000	16.25	21.50
13 31 0	41.35	LOW	28.250	4679.	0.000	LOW	0.000	16.25	21.64
13 31 5	40.87	0.000	28.299	4633.	0.000	LOW	0.000	16.24	21.61
13 31 15	40.87	0.00	28.228	5321.	0.000	LOW	0.000	16.25	21.70
13 31 15	40.87	27.86	28.983	5183.	0.000	LOW	0.000	16.24	21.90
13 31 20	38.46	53.57	28.446	4312.	0.000	LOW	0.000	16.25	21.53
13 31 25	38.46	54.46	28.495	4450.	0.000	LOW	0.000	16.24	21.50
13 31 30	40.38	53.93	28.446	4587.	0.000	LOW	0.000	16.24	21.53
13 31 35	40.38	54.11	28.592	4587.	.660	LOW	0.000	16.23	21.50
13 31 40	40.38	56.07	28.055	4695.	10.000	LOW	0.000	16.23	21.58
13 32 17	40.38	51.52	28.152	4817.	9.972	LOW	0.000	16.23	21.53
13 32 22	40.38	46.25	28.446	4587.	10.000	LOW	0.000	16.25	21.64
13 32 35	40.38	46.88	28.495	4541.	10.000	LOW	2.998	16.24	21.56
13 32 32	40.38	47.14	28.348	4695.	10.000	LOW	33.000	16.24	21.70
13 32 37	40.38	45.98	28.397	4358.	10.000	LOW	33.410	16.24	21.64
13 32 42	39.90	47.50	28.368	4475.	10.000	LOW	28.971	16.23	21.64
13 32 47	40.14	47.23	28.348	4174.	9.972	LOW	26.323	16.23	21.64
13 32 52	39.90	46.43	28.446	4312.	10.000	LOW	17.834	16.22	21.64
13 32 57	39.90	46.43	28.446	4358.	10.000	LOW	15.383	16.23	21.64
13 33 2	40.38	45.18	28.543	5138.	10.000	LOW	7.710	16.23	21.58
13 33 7	39.90	45.27	28.543	4862.	9.991	LOW	5.210	16.24	21.58
13 33 12	39.90	47.58	28.446	4484.	10.000	LOW	10.342	16.24	21.64
13 33 17	39.90	47.59	28.348	4484.	9.954	LOW	13.982	16.23	21.67
13 33 27	39.90	45.36	28.250	4495.	10.000	LOW	0.000	16.24	21.53
13 33 27	39.90	45.80	28.348	4495.	9.981	LOW	0.000	16.23	21.53
13 33 33	39.90	46.61	28.239	4721.	10.000	LOW	5.823	16.25	21.47
13 33 38	39.90	45.98	28.397	4729.	10.000	LOW	10.481	16.24	21.73
13 33 43	38.94	47.14	28.446	4495.	10.000	LOW	.623	16.24	21.64
13 33 53	38.94	46.25	28.446	4495.	10.000	LOW	3.380	16.24	21.64
13 33 53	38.94	46.82	28.446	5138.	10.000	LOW	11.214	LOW	21.58
13 33 58	38.94	45.09	28.446	4862.	10.000	LOW	13.745	0.000	21.53
13 34 3	39.42	46.79	28.348	3853.	9.981	LOW	21.962	16.25	21.58
13 34 8	39.66	45.89	28.397	4174.	9.991	LOW	24.532	16.25	21.56
13 34 13	38.94	45.88	28.348	4587.	10.000	LOW	33.488	16.25	21.53
13 34 18	38.94	45.27	28.397	4541.	10.000	LOW	33.994	0.000	21.56
13 34 23	42.31	43.39	28.446	4312.	10.000	LOW	34.500	16.24	21.53
13 34 29	40.62	44.46	28.446	4404.	10.000	LOW	34.580	16.24	21.50
13 34 42	38.46	47.58	28.641	4771.	10.000	LOW	20.240	16.24	21.58
13 34 39	39.18	47.77	28.690	4541.	10.000	LOW	16.740	16.24	21.61
13 34 44	38.94	49.11	28.446	3853.	10.000	LOW	0.000	16.23	21.64
13 34 49	38.70	48.39	27.859	3853.	10.000	LOW	0.000	16.24	21.64
13 34 54	39.90	47.50	28.343	4312.	10.000	LOW	0.000	16.25	21.70

TIME H/M/S	FC 03 TEMP RAM AR	FC 22 POSITN TEMP CONTROL	EC 62 POSITN PRIMARY RAM EXIT DOOR F	AF TOTAL FUEL QNTY	PR 05 POSITN NOZZLE L/HENG	PR 06 POSITN THROTL L/HENG	FC 01 POSITN FLAP	FC 02 POSITN HING SWEEP	FC 03 POSITN SPEED BRAKE DOOR
13 34 59	39.42	46.83	28.397	4484.	9.981	LOW	0.000	16.23	21.61
13 35 4	38.94	46.25	28.446	4404.	10.000	LOW	0.000	16.25	21.53
13 35 9	39.42	47.23	28.397	4312.	9.981	LOW	0.000	16.16	21.61
13 35 14	38.46	45.71	28.543	4404.	10.000	LOW	0.000	37.40	21.53
13 35 19	38.94	45.53	28.495	4404.	10.000	LOW	0.000	46.62	21.53
13 35 24	38.46	47.66	28.446	4312.	10.000	LOW	0.000	70.91	21.53
13 35 29	38.94	47.77	28.348	4220.	10.000	LOW	0.000	68.87	21.58
13 35 34	38.46	45.10	28.739	4220.	10.000	LOW	0.000	51.42	21.58
13 35 39	38.46	45.80	28.446	4220.	10.000	LOW	0.000	44.37	21.58
13 35 44	38.46	46.96	29.326	4220.	9.944	LOW	0.000	23.55	21.58
13 35 49	37.74	46.79	28.590	3853.	9.972	LOW	0.000	19.84	21.56
13 35 54	36.54	45.18	28.641	3578.	10.000	LOW	0.000	16.27	21.58
13 35 59	35.58	45.14	28.397	3578.	10.000	LOW	0.000	16.26	21.56
13 36 04	37.98	48.04	28.446	3394.	9.878	LOW	0.000	16.24	21.64
13 36 09	37.26	47.50	28.446	3578.	9.898	LOW	0.000	16.24	21.58
13 36 14	37.02	47.86	28.446	3486.	10.000	LOW	0.000	16.24	21.64
13 36 19	38.70	46.43	28.299	3486.	10.000	LOW	0.000	16.24	21.58
13 36 24	36.86	45.89	28.446	3394.	10.000	LOW	0.000	16.23	21.58
13 36 29	36.54	45.71	28.299	3440.	9.963	LOW	0.000	16.24	21.61
13 36 34	36.54	44.82	28.348	3394.	10.000	LOW	0.000	16.25	21.53
13 36 39	36.30	45.36	28.397	3394.	9.981	LOW	0.000	16.24	21.56
13 36 44	36.54	45.71	28.348	3383.	10.000	LOW	0.000	16.25	21.58
13 36 49	37.02	47.14	28.348	3394.	9.907	LOW	0.000	16.24	21.64
13 36 54	37.02	46.25	28.281	3486.	9.815	LOW	0.000	16.25	21.58
13 36 59	37.02	46.25	28.348	3486.	10.000	LOW	0.000	16.25	21.58
13 37 04	36.78	47.85	28.281	3448.	10.000	LOW	0.000	16.25	21.58
13 37 09	37.02	46.79	28.543	3486.	9.889	LOW	0.000	16.24	21.53
13 37 14	37.50	46.96	28.397	3486.	9.898	LOW	0.000	16.24	21.58
13 37 19	36.54	46.96	28.446	3486.	9.944	LOW	0.000	16.25	21.58
13 37 24	36.78	47.14	28.446	3486.	9.954	LOW	0.000	16.25	21.53
13 37 29	34.62	47.50	29.228	3383.	10.000	LOW	0.000	16.23	21.70
13 37 34	35.58	47.05	28.739	3257.	10.000	LOW	0.000	16.24	21.67
13 37 39	37.02	46.07	28.855	3211.	10.000	LOW	0.000	16.25	21.64
13 37 44	37.02	46.07	28.152	2982.	5.800	LOW	0.000	16.24	21.64
13 37 49	34.62	45.54	28.543	3211.	0.000	LOW	0.000	16.24	21.58
13 37 54	37.98	46.25	28.886	3211.	0.000	LOW	0.000	16.23	21.58
13 37 59	37.50	46.04	28.348	3119.	0.000	LOW	0.000	16.25	22.19
13 38 04	37.02	47.41	28.495	2936.	0.000	LOW	0.000	16.24	21.92
13 38 09	37.50	47.50	28.348	3119.	0.000	LOW	0.000	16.24	21.70
13 38 14	37.02	46.61	28.250	3073.	0.000	LOW	0.000	16.23	21.64
13 38 19	37.02	46.07	28.152	3119.	0.000	LOW	0.000	16.25	21.64
13 38 24	36.78	45.09	28.250	3486.	.013	LOW	0.000	16.24	21.67
13 38 29	37.50	47.50	28.348	3119.	.009	LOW	0.000	16.24	21.64
13 38 34	37.02	46.16	28.495	3349.	.014	LOW	0.000	16.24	21.61
13 38 39	37.90	46.25	28.348	3119.	.010	LOW	0.000	16.23	21.47
13 38 44	37.50	46.70	28.397	3020.	.013	LOW	0.000	16.24	21.47
13 38 49	36.54	44.82	28.348	3383.	.027	LOW	0.000	16.25	21.64
13 38 54	36.78	45.39	28.446	3119.	.031	LOW	0.000	16.25	21.56

TIME M/W/S	EC 03 TEMP RAM AR	EC 22 POSITN TEMP CONTRL	EC 62 POSITN PRIMRY EXIT DOOR F	AF TOTAL FUEL QNTY	PR 05 POSITN NOZZLE L/MENG	PR 06 POSITN THROTL L/MENG	FC 01 POSITN FLAP	FC 02 POSITN HING SWEEP	FC 03 POSITN SPEED BRAKE DOOR
13 58 46	37.02	45.54	28.348	2044.	.054	LOW	0.000	16.25	21.64
13 58 51	36.54	45.89	28.250	2936.	.036	LOW	0.000	16.24	21.61
13 58 56	36.54	46.43	28.446	2936.	10.000	LOW	0.000	16.23	21.70
13 59 1	37.02	46.52	28.543	2090.	10.000	LOW	0.000	16.24	21.64
13 59 6	36.54	43.39	28.543	2569.	10.000	LOW	0.000	16.23	21.58
13 59 11	37.25	45.16	28.348	2615.	9.972	LOW	0.000	16.24	21.94
13 59 16	37.58	44.82	28.055	2752.	10.000	LOW	0.000	16.24	21.64
13 59 21	36.06	45.09	28.250	3119.	10.000	LOW	0.000	16.23	21.64
13 59 26	37.98	47.68	28.446	2844.	10.000	LOW	0.000	16.24	21.70
14 6 3	37.26	47.05	28.495	2661.	5.000	LOW	0.000	16.25	17.89
14 6 8	37.02	46.43	28.446	2661.	0.000	LOW	0.000	16.25	76.62
14 6 13	37.02	46.70	28.397	2523.	0.000	LOW	0.000	16.25	38.31
14 6 23	37.58	47.14	28.446	2569.	0.000	LOW	0.000	16.24	45.00
14 6 23	36.06	47.14	28.397	2523.	0.000	LOW	0.000	16.24	22.50
14 6 33	37.02	46.06	28.446	2477.	0.000	LOW	0.000	16.24	8.00
14 6 33	37.02	46.70	28.299	1697.	0.000	LOW	0.000	16.24	32.18
14 6 38	37.98	47.68	28.152	2385.	0.000	LOW	0.000	LOW	77.00
14 6 38	37.26	47.77	28.184	2431.	0.000	LOW	0.000	0.000	49.35
14 13 9	34.62	49.29	28.348	2202.	0.000	LOW	0.000	16.25	21.70
14 13 14	36.06	48.39	28.739	2240.	0.000	LOW	0.000	16.35	21.64
14 13 19	34.62	47.32	28.446	2294.	0.000	LOW	0.000	16.25	21.64
14 13 24	35.58	47.06	28.397	2294.	0.000	LOW	0.000	16.24	21.67
14 13 29	41.35	49.82	28.348	2202.	0.000	LOW	0.000	16.24	21.67
14 13 34	39.66	49.74	28.397	2202.	0.000	LOW	0.000	16.24	22.38
0 0 0	38.46	49.4	28.348	2018.	0.000	LOW	0.000	16.24	22.04
45 05 05	30.22	49.91	28.641	2064.	0.000	LOW	0.000	16.24	21.70
45 05 05	37.90	46.25	28.641	2294.	0.000	LOW	0.000	16.24	21.70
14 16 8	38.46	47.50	28.446	2248.	0.000	LOW	0.000	16.24	21.64
14 16 5	38.22	50.36	28.348	2294.	10.000	LOW	0.000	16.26	21.64
14 16 18	38.22	49.55	28.201	2305.	9.901	LOW	0.000	16.26	21.58
14 16 18	37.02	49.11	26.491	2385.	9.944	LOW	0.000	16.28	21.57
14 16 21	37.02	48.21	27.419	2798.	9.861	LOW	0.000	16.27	21.58
14 16 26	37.98	48.39	28.446	2294.	10.000	LOW	0.000	16.25	21.64
14 16 31	38.22	47.06	28.832	2339.	9.348	LOW	0.000	16.25	21.64
14 16 36	38.46	48.21	29.326	917.	8.667	LOW	0.000	16.25	21.64
45 05 05	48.14	47.23	28.837	1514.	8.717	LOW	0.000	16.25	21.61
45 05 05	39.98	47.68	28.348	2202.	8.768	LOW	0.000	16.25	21.53
45 05 05	38.94	47.95	28.299	2156.	8.739	LOW	0.000	16.25	21.61
14 18 21	36.54	48.39	29.832	2202.	8.797	LOW	0.000	16.25	21.70
14 18 27	36.78	48.48	28.592	2248.	8.798	LOW	0.000	16.25	21.67
14 18 32	37.02	48.57	28.250	2018.	8.725	LOW	0.000	16.25	22.29
14 18 37	36.78	48.04	28.250	2064.	8.681	LOW	0.000	16.25	22.00
14 18 42	37.02	47.68	28.250	2110.	8.718	LOW	0.000	16.26	21.58
14 18 55	37.02	47.59	28.739	2202.	8.703	LOW	0.000	16.26	21.64
14 18 52	37.02	48.57	28.855	1651.	8.754	LOW	0.000	16.26	21.02
14 18 57	37.02	48.13	28.299	1801.	8.746	LOW	0.000	16.25	21.79
14 19 2	38.78	48.13	28.299	2110.	8.652	LOW	0.000	16.25	21.76
14 19 7	37.02	48.57	28.250	2110.	8.652	LOW	0.000	16.25	21.76
0 1 12	39.42	48.66	28.250	2110.	8.600	LOW	0.000	16.25	21.79

C COMMUTATOR

TIME H/M/S	CS PRESS ALT	EC 1 PRESS CABIN ALT	EC 23 TEMP AIR UPSTR OF BLEED AR REG	EC 92 PRESS DIFF L/H ELECT BAY	EC 93 PRESS DIFF R/H ELECT BAY	EC 4 TEMP AIR PILOTS HEAD LEVEL	EC 5 TEMP AIR PILOTS FOOT LEVEL	EC 7 TEMP AIR PILOTS WAIST LEVEL	EC 8 TEMP AIR CO-PLT HEAD LEVEL	EC 9 TEMP AIR CO PILOTS FOOT LEVEL	EC 11 TEMP AIR CO PILOTS WAIST LEVEL	EC 12 TEMP AIR OUTLET DE-FOG R/H CABIN	EC 13 TEMP AIR OUTLET DE-FOG L/H CABIN
12 55 53	-1556.	-06	105.	.21	-.36	119.	103.	107.	119.	90.	105.	100.	106.
12 55 58	-1556.	-.07	114.	.15	-.29	117.	101.	107.	117.	90.	105.	107.	106.
12 56 3	-1911.	-.15	117.	-.18	-.24	121.	99.	100.	11.	99.	105.	100.	100.
12 56 8	+737056.	-.12	118.	-.15	-.24	120.	98.	100.	11.	98.	105.	107.	100.
12 56 13	-1022.	-.10	119.	-.12	-.34	119.	98.	100.	11.	97.	105.	106.	107.
12 56 18	-1644.	-.12	108.	.16	-.49	119.	97.	100.	11.	98.	105.	107.	107.
12 56 20	-1644.	-.03	107.	.22	-.75	117.	101.	103.	11.	98.	105.	106.	110.
12 56 33	-1644.	-.03	108.	.18	-.54	118.	99.	103.	11.	98.	104.	106.	110.
12 56 38	LOW	-.01	119.	.15	-.56	119.	101.	103.	11.	97.	103.	107.	110.
12 56 43	+737056.	-.02	114.	-.15	-.58	119.	101.	103.	11.	98.	103.	107.	110.
12 56 51	-1022.	0.00	112.	.15	-.43	119.	99.	95.	11.	98.	106.	100.	106.
12 56 48	-1778.	.01	111.	.07	-.45	118.	99.	100.	11.	98.	105.	107.	105.
12 56 53	-1667.	-.09	94.	.18	-.54	116.	101.	100.	11.	98.	105.	106.	111.
12 56 58	-1467.	-.10	106.	.18	-.59	117.	101.	102.	11.	98.	105.	106.	110.
12 57 3	-1733.	-.03	117.	.22	-.46	119.	102.	104.	11.	98.	105.	106.	110.
12 57 8	-1733.	-.04	119.	.18	-.40	118.	100.	105.	11.	98.	101.	106.	110.
13 22 28	133.	.16	109.	.23	-.99	112.	103.	110.	11.	101.	100.	106.	100.
13 22 25	267.	.15	175.	.23	-.97	111.	102.	109.	11.	101.	107.	107.	100.
13 22 38	311.	.19	169.	.12	-.94	108.	103.	103.	11.	102.	100.	106.	113.
13 22 35	222.	.18	178.	.16	-.95	109.	102.	105.	11.	100.	105.	107.	111.
13 22 40	756.	.10	177.	.10	-.97	110.	102.	110.	11.	101.	95.	106.	100.
13 22 45	808.	.12	199.	.14	-.94	111.	102.	100.	109.	101.	100.	106.	100.
13 22 50	44.	.10	345.	.04	-.92	110.	105.	105.	109.	101.	106.	106.	112.
13 23 0	8.	.20	361.	.12	-.96	109.	105.	105.	109.	101.	105.	106.	111.
13 23 5	-133.	.23	350.	.10	-.90	110.	101.	100.	110.	101.	105.	100.	100.
13 23 10	-178.	.22	347.	.20	-.90	110.	101.	100.	100.	100.	105.	100.	100.
13 23 18	489.	.21	340.	.21	-1.02	108.	102.	100.	112.	101.	103.	100.	100.
13 24 43	408.	.34	366.	.18	-1.47	109.	103.	100.	110.	102.	104.	107.	100.
13 24 48	578.	.63	388.	.23	-1.02	108.	106.	104.	106.	100.	100.	106.	106.
13 24 51	489.	.54	409.	.23	-1.90	107.	104.	103.	109.	100.	101.	105.	104.
13 24 58	133.	.57	448.	.13	-2.04	106.	100.	101.	110.	99.	101.	105.	104.
13 25 3	267.	.54	455.	.15	-2.16	105.	100.	103.	107.	100.	101.	100.	96.
13 25 8	756.	.59	467.	.22	-1.79	103.	101.	100.	108.	99.	96.	97.	95.
13 25 13	222.	.37	469.	.22	-2.02	100.	100.	98.	109.	99.	96.	93.	91.
13 25 18	756.	.32	478.	.28	-2.23	100.	97.	100.	100.	98.	95.	92.	89.
13 25 23	622.	.32	489.	.22	-2.21	99.	97.	100.	107.	97.	92.	86.	80.
13 25 28	578.	.41	484.	.10	-2.23	98.	97.	99.	106.	97.	91.	80.	81.
13 25 33	267.	.34	494.	.20	-2.09	97.	97.	98.	105.	97.	90.	82.	76.
13 25 43	578.	.34	494.	.23	-2.35	95.	97.	97.	106.	97.	89.	82.	79.
13 25 48	489.	.31	500.	.26	-2.14	94.	98.	95.	103.	97.	87.	82.	81.
13 25 53	578.	.28	492.	.10	-2.12	93.	96.	95.	99.	97.	87.	82.	81.
13 25 58	622.	.25	498.	.18	-2.16	93.	95.	94.	101.	97.	87.	80.	79.
13 26 3	133.	.35	498.	.22	-2.26	91.	96.	86.	90.	96.	86.	80.	80.
13 26 8	178.	.29	501.	.24	-2.25	91.	94.	88.	97.	96.	85.	80.	79.
13 26 13	44.	.35	505.	.13	-2.06	90.	94.	90.	101.	95.	78.	79.	77.

TIME M/M/S	CS PRESS ALT	EC PRESS CABIN ALT	EC TEMP AIR UPSTR OF BLEED AIR REG	EC PRESS DIFF L/M CLECT BAY	EC PRESS DIFF R/M ELECT BAY	EC TEMP AIR PILOTS HEAD LEVEL	EC TEMP AIR PILOTS FOOT LEVEL	EC TEMP AIR CO PILOTS MAIST LEVEL	EC TEMP AIR OUTLET DE-FOG R/M CABIN	EC TEMP AIR OUTLET DE-FOG L/M CABIN
13 26 13	89.	38	508.	15	-2.15	90.	96.	82.	88.	78.
13 26 18	133.	38	500.	23	-2.17	84.	95.	86.	75.	72.
13 26 23	400.	32	497.	19	-2.81	87.	95.	88.	74.	72.
13 26 29	222.	44	503.	15	-2.14	87.	95.	82.	75.	74.
13 26 34	756.	41	501.	22	-2.18	88.	94.	82.	73.	73.
13 26 39	533.	38	511.	22	-2.17	88.	94.	82.	73.	74.
13 26 44	667.	34	494.	19	-2.25	87.	93.	88.	73.	74.
13 26 49	356.	29	495.	17	-2.25	86.	94.	85.	75.	78.
13 26 54	44.	29	502.	22	-2.14	90.	95.	88.	74.	74.
13 26 59	133.	37	509.	28	-2.23	91.	95.	86.	78.	78.
13 27 4	311.	35	498.	12	-2.22	92.	98.	94.	80.	80.
13 27 9	574.	22	507.	22	-2.16	97.	97.	95.	77.	77.
13 27 14	578.	31	521.	17	-2.16	98.	98.	96.	74.	74.
13 27 19	267.	37	517.	14	-2.17	98.	98.	96.	74.	74.
13 27 24	667.	38	508.	25	-2.15	98.	95.	95.	79.	79.
13 27 29	533.	32	515.	22	-2.18	98.	97.	93.	83.	83.
13 27 34	578.	29	518.	18	-2.23	98.	97.	91.	84.	84.
13 27 39	667.	27	513.	18	-2.24	98.	97.	91.	84.	84.
13 27 44	489.	27	518.	21	-2.31	98.	97.	91.	84.	84.
13 27 49	44.	41	511.	10	-2.19	98.	97.	91.	84.	84.
13 27 54	44.	38	515.	13	-2.23	98.	97.	91.	84.	84.
13 27 59	578.	38	518.	21	-2.12	98.	97.	91.	84.	84.
13 28 4	711.	32	502.	21	-2.28	98.	97.	91.	84.	84.
13 28 9	667.	27	513.	18	-2.24	98.	97.	91.	84.	84.
13 28 14	489.	27	518.	21	-2.31	98.	97.	91.	84.	84.
13 28 19	44.	41	511.	10	-2.19	98.	97.	91.	84.	84.
13 28 24	44.	38	515.	13	-2.23	98.	97.	91.	84.	84.
13 28 29	578.	38	518.	21	-2.12	98.	97.	91.	84.	84.
13 28 34	711.	32	502.	21	-2.28	98.	97.	91.	84.	84.
13 28 39	667.	27	513.	18	-2.24	98.	97.	91.	84.	84.
13 28 44	489.	27	518.	21	-2.31	98.	97.	91.	84.	84.
13 28 49	44.	41	511.	10	-2.19	98.	97.	91.	84.	84.
13 28 54	44.	38	515.	13	-2.23	98.	97.	91.	84.	84.
13 28 59	578.	38	518.	21	-2.12	98.	97.	91.	84.	84.
13 29 4	711.	32	502.	21	-2.28	98.	97.	91.	84.	84.
13 29 9	667.	27	513.	18	-2.24	98.	97.	91.	84.	84.
13 29 14	489.	27	518.	21	-2.31	98.	97.	91.	84.	84.
13 29 19	44.	41	511.	10	-2.19	98.	97.	91.	84.	84.
13 29 24	44.	38	515.	13	-2.23	98.	97.	91.	84.	84.
13 29 29	578.	38	518.	21	-2.12	98.	97.	91.	84.	84.
13 29 34	711.	32	502.	21	-2.28	98.	97.	91.	84.	84.
13 29 39	667.	27	513.	18	-2.24	98.	97.	91.	84.	84.
13 29 44	489.	27	518.	21	-2.31	98.	97.	91.	84.	84.
13 29 49	44.	41	511.	10	-2.19	98.	97.	91.	84.	84.
13 29 54	44.	38	515.	13	-2.23	98.	97.	91.	84.	84.
13 29 59	578.	38	518.	21	-2.12	98.	97.	91.	84.	84.
13 30 4	711.	32	502.	21	-2.28	98.	97.	91.	84.	84.
13 30 9	667.	27	513.	18	-2.24	98.	97.	91.	84.	84.
13 30 14	489.	27	518.	21	-2.31	98.	97.	91.	84.	84.
13 30 19	44.	41	511.	10	-2.19	98.	97.	91.	84.	84.
13 30 24	44.	38	515.	13	-2.23	98.	97.	91.	84.	84.
13 30 29	578.	38	518.	21	-2.12	98.	97.	91.	84.	84.
13 30 34	711.	32	502.	21	-2.28	98.	97.	91.	84.	84.
13 30 39	667.	27	513.	18	-2.24	98.	97.	91.	84.	84.
13 30 44	489.	27	518.	21	-2.31	98.	97.	91.	84.	84.
13 30 49	44.	41	511.	10	-2.19	98.	97.	91.	84.	84.
13 30 54	44.	38	515.	13	-2.23	98.	97.	91.	84.	84.
13 30 59	578.	38	518.	21	-2.12	98.	97.	91.	84.	84.

TIME M/M/S	CS PRESS ALT	EC PRESS CABIN ALT	EC 23 TEMP AIR UPSTR OF SLEEP AR PFG	EC 92 PRESS DIFF L/M ELECT 8AY	EC 93 PRESS DIFF R/H ELECT 3AY	EC 4 TEMP AIR PILOTS HEAD LEVEL	EC 5 TEMP AIR PILOTS FOOT LEVEL	EC 7 TEMP AIR PILOTS 4AIST LEVEL	EC 8 TEMP AIR CO-PLT HEAD LEVEL	EC 9 TEMP AIR CO PILOTS FOOT LEVEL	EC 11 TEMP AIR CO PILOTS WAIST LEVEL	EC 12 TEMP AIR OUTLET OE-FOG R/H CABIN	EC 13 TEMP AIR OUTLET OE-FOG L/H CABIN
13 30 20	311.	.37	501.	.10	-2.27	94.	96.	92.	95.	97.	90.	92.	94.
13 30 25	133.	.28	498.	.15	-2.30	94.	97.	92.	94.	97.	90.	91.	93.
13 30 30	-44.	.28	495.	-.01	-2.03	94.	95.	94.	93.	97.	90.	89.	92.
13 30 35	-178.	.28	492.	.29	-2.20	94.	95.	93.	93.	97.	90.	88.	91.
13 30 40	-222.	.18	491.	.29	-1.94	93.	95.	93.	90.	97.	90.	85.	91.
13 30 45	133.	.32	492.	.22	-2.10	93.	95.	92.	94.	96.	89.	86.	89.
13 30 50	133.	.32	491.	.12	-2.06	92.	96.	92.	93.	97.	90.	90.	92.
13 30 55	133.	.32	491.	.15	-2.21	92.	97.	91.	97.	97.	91.	91.	95.
13 31 00	-89.	.32	506.	.10	-2.00	97.	100.	97.	97.	97.	95.	94.	98.
13 31 05	133.	.29	505.	.13	-2.38	97.	100.	96.	99.	90.	95.	95.	99.
13 31 10	356.	.43	401.	.23	-2.24	97.	102.	92.	97.	100.	99.	101.	107.
13 31 15	133.	.46	401.	.20	-2.27	96.	102.	94.	98.	100.	99.	99.	104.
13 31 20	444.	.46	401.	.26	-2.16	103.	103.	97.	97.	99.	99.	92.	93.
13 31 25	-44.	.45	405.	.25	-2.18	103.	108.	99.	97.	99.	99.	92.	98.
13 31 30	311.	.60	483.	.23	-2.23	97.	108.	95.	99.	98.	90.	88.	85.
13 31 35	-44.	.45	486.	.19	-2.49	96.	99.	97.	101.	97.	90.	88.	85.
13 31 40	89.	.45	474.	.23	-2.36	101.	99.	95.	103.	97.	97.	87.	89.
13 31 45	222.	-.13	423.	.22	-2.26	99.	102.	95.	102.	90.	96.	88.	91.
13 31 50	356.	.04	378.	.22	-2.37	99.	103.	94.	101.	99.	96.	91.	96.
13 31 55	667.	.16	370.	.24	-2.47	100.	102.	96.	102.	99.	95.	91.	94.
13 32 00	356.	.15	380.	.24	-2.47	100.	102.	96.	102.	100.	95.	90.	97.
13 32 05	667.	.09	386.	.32	-2.62	99.	102.	97.	97.	100.	95.	91.	97.
13 32 10	333.	.12	365.	.25	-2.59	99.	101.	95.	104.	99.	95.	92.	93.
13 32 15	933.	.12	363.	.10	-2.65	99.	101.	95.	104.	99.	95.	92.	95.
13 32 20	809.	.13	358.	.10	-2.60	99.	103.	96.	100.	99.	95.	91.	96.
13 32 25	-133.	.29	349.	.10	-2.14	99.	102.	96.	100.	99.	95.	91.	96.
13 32 30	-44.	.21	344.	.20	-2.28	97.	102.	97.	95.	97.	98.	92.	97.
13 32 35	667.	.15	339.	.16	-2.41	101.	103.	97.	95.	99.	92.	91.	95.
13 32 40	576.	.13	351.	.24	-2.34	101.	103.	98.	90.	101.	92.	91.	95.
13 32 45	222.	.12	352.	.21	-2.34	101.	102.	99.	97.	101.	95.	91.	97.
13 32 50	267.	.18	340.	.16	-2.47	101.	103.	98.	97.	100.	96.	91.	97.
13 32 55	488.	.15	349.	.23	-2.37	99.	103.	92.	101.	99.	96.	91.	96.
13 33 00	89.	.19	344.	.15	-2.35	100.	103.	95.	102.	100.	95.	91.	95.
13 33 05	311.	.23	344.	.15	-2.21	101.	103.	90.	101.	100.	95.	91.	95.
13 33 10	222.	.23	339.	.14	-2.35	101.	104.	97.	98.	100.	96.	91.	95.
13 33 15	489.	.16	357.	.23	-2.53	100.	102.	95.	103.	100.	90.	92.	95.
13 33 20	356.	.20	346.	.17	-2.54	100.	103.	95.	100.	100.	92.	92.	97.
13 33 25	44.	.25	340.	.13	-2.39	100.	105.	96.	99.	95.	95.	92.	98.
13 33 30	356.	.17	344.	.20	-2.43	100.	105.	96.	99.	97.	95.	92.	98.
13 33 35	-133.	-.01	344.	.19	-2.66	99.	103.	94.	97.	100.	95.	95.	100.
13 33 40	-222.	.10	345.	.10	-2.60	100.	103.	96.	100.	100.	95.	94.	98.
13 33 45	44.	.12	346.	.29	-2.40	97.	101.	97.	97.	102.	94.	93.	96.
13 33 50	222.	.13	346.	.26	-2.46	98.	102.	96.	99.	101.	94.	93.	97.
13 33 55	756.	.12	345.	.21	-2.56	102.	103.	100.	98.	101.	97.	92.	97.
13 34 00	570.	.15	348.	.18	-2.57	100.	104.	97.	90.	101.	96.	94.	99.
13 34 05	489.	.13	347.	.26	-2.50	105.	103.	99.	99.	101.	95.	93.	96.
13 34 10	400.	.10	344.	.24	-2.48	103.	104.	96.	100.	100.	95.	93.	97.
13 34 15	-133.	.22	334.	.10	-2.56	102.	106.	97.	98.	99.	94.	93.	98.
13 34 20	44.	.23	336.	.12	-2.56	102.	105.	102.	99.	101.	95.	94.	99.
13 34 25	44.	.21	327.	.16	-2.52	101.	102.	102.	94.	101.	95.	94.	100.

TIME H/M/S	CS PRESS ALT	EC PRESS CARIN ALT	EC TEMP UPSTR OF BLEED AR REG	EC PRESS DIFF L/H ELECT BAY	EC PRESS DIFF R/H ELECT BAY	EC TEMP AIR PILOTS HEAD LEVEL	EC TEMP AIR PILOTS MAIST LEVEL	EC TEMP AIR CO-PLT HEAD LEVEL	EC TEMP AIR CO PILOTS FOOT LEVEL	EC TEMP AIR CO PILOTS MAIST LEVEL	EC TEMP AIR OUTLET DE-FOG R/H CABIN	EC TEMP AIR OUTLET DE-FOG L/H CABIN
13 34 59	222.	.20	337.	.18	-2.47	102.	103.	101.	101.	95.	93.	99.
13 35 4	667.	.10	355.	.29	-2.45	102.	103.	99.	102.	95.	93.	99.
13 35 9	178.	.14	342.	.23	-2.44	98.	103.	99.	101.	95.	93.	99.
13 35 14	LOW	.21	340.	.10	-2.30	101.	106.	95.	104.	95.	95.	102.
13 35 19	*000000.	.16	330.	.17	-2.26	99.	105.	97.	102.	95.	95.	102.
13 35 24	667.	.10	341.	.23	-2.23	103.	105.	99.	101.	95.	95.	102.
13 35 29	400.	.16	338.	.14	-2.28	102.	105.	98.	101.	96.	92.	100.
13 35 34	400.	.16	341.	.16	-2.39	102.	106.	99.	100.	95.	94.	101.
13 35 39	444.	-.01	341.	.22	-2.55	102.	105.	97.	101.	95.	95.	102.
13 55 44	-44.	.07	327.	.15	-2.60	102.	104.	98.	102.	98.	96.	99.
13 51 26	1096.	.16	331.	.10	-2.33	103.	102.	104.	102.	91.	99.	105.
13 51 26	11064.	.22	339.	.35	-2.41	103.	107.	101.	101.	93.	103.	111.
13 51 31	16400.	.21	337.	.29	-2.32	103.	106.	98.	101.	94.	103.	110.
13 51 36	30171.	.20	325.	.18	-2.25	100.	105.	95.	102.	93.	98.	110.
13 51 41	34354.	.27	331.	.17	-2.28	101.	105.	93.	105.	94.	101.	110.
13 51 46	47059.	.23	319.	.18	-2.31	104.	105.	96.	105.	95.	102.	110.
13 51 51	50046.	.23	333.	.22	-2.36	103.	105.	93.	103.	95.	102.	100.
13 51 51	59604.	.23	327.	.10	-2.29	103.	105.	96.	105.	95.	104.	100.
13 52 2	59803.	.21	331.	.17	-2.33	103.	104.	94.	105.	94.	103.	110.
13 52 15	60329.	.19	329.	.25	-2.37	102.	104.	84.	105.	93.	105.	100.
13 52 12	56784.	.17	334.	.21	-2.48	100.	104.	80.	103.	93.	105.	111.
13 52 17	49716.	.12	346.	.21	-2.45	100.	104.	90.	105.	93.	104.	110.
13 52 22	44049.	.12	346.	.10	-2.45	97.	104.	90.	105.	93.	104.	110.
13 52 35	32618.	.05	343.	.19	-2.39	101.	105.	92.	104.	91.	103.	110.
13 52 35	337.	.06	337.	.22	-2.30	102.	105.	90.	103.	95.	103.	110.
13 52 32	26317.	.11	339.	.26	-2.35	104.	106.	93.	104.	94.	103.	110.
13 52 37	14063.	.13	335.	.26	-2.39	103.	105.	90.	105.	94.	103.	100.
13 52 42	9931.	.21	336.	.21	-2.36	102.	105.	88.	101.	93.	105.	95.
13 52 47	44.	.29	329.	.15	-2.79	100.	105.	88.	100.	93.	104.	101.
13 52 52	-133.	.26	333.	.18	-2.54	102.	105.	91.	104.	94.	102.	107.
13 52 57	2395.	.21	340.	.18	-2.35	105.	106.	91.	105.	94.	102.	107.
13 53 2	2276.	.10	340.	.17	-2.33	103.	105.	90.	106.	94.	104.	110.
13 53 7	409.	.26	316.	.10	-2.32	95.	106.	91.	105.	94.	103.	100.
13 57 20	356.	.27	319.	.17	-2.46	104.	106.	91.	106.	94.	103.	110.
13 57 30	400.	.13	332.	.06	-2.43	103.	107.	87.	105.	93.	103.	110.
13 57 35	178.	.36	342.	.11	-2.46	104.	105.	89.	105.	94.	103.	112.
13 57 40	667.	.50	393.	.22	-2.42	103.	105.	93.	105.	94.	101.	109.
13 57 40	644.	.57	416.	.20	-2.54	103.	99.	92.	100.	93.	101.	100.
13 57 45	133.	.82	408.	.18	-2.26	98.	101.	91.	100.	89.	90.	100.
13 57 50	356.	.67	514.	.23	-2.30	93.	98.	92.	100.	90.	88.	90.
13 58 0	-133.	.51	592.	.16	-2.44	97.	95.	92.	98.	84.	88.	88.
13 50 0	-400.	.48	618.	.15	-2.49	95.	94.	91.	98.	84.	79.	70.
13 50 5	311.	.35	692.	.26	-2.32	91.	93.	86.	97.	82.	75.	77.
13 50 10	400.	.28	716.	.25	-2.63	91.	94.	80.	96.	82.	74.	74.
13 50 15	44.	.44	742.	.21	-2.40	90.	90.	86.	96.	80.	74.	75.
13 58 20	222.	.36	750.	.24	-2.39	89.	95.	80.	96.	80.	74.	78.
13 50 25	489.	.37	774.	.19	-2.93	98.	93.	88.	96.	80.	74.	76.
13 50 31	311.	.39	770.	.10	-2.84	97.	93.	87.	97.	80.	73.	70.
13 50 36	133.	.35	786.	.18	-2.47	86.	90.	80.	96.	80.	72.	70.
13 50 41	89.	.30	789.	.13	-2.39	86.	90.	80.	96.	78.	70.	70.

TIME M/M/S	CS PRESS ALT	EC PRESS CABIN ALT	EC 23 TEMP AIR UPSTR OF BLEED AR REG	EC 92 PRESS DIFF L/H ELECT BAY	EC 93 PRESS DIFF R/H ELECT BAY	EC 4 TEMP AIR PILOTS HEAD LEVEL	EC 5 TEMP AIR PILOTS FOOT LEVEL	EC 7 TEMP AIR PILOTS WAIST LEVEL	EC 8 TEMP AIR CO-PLY HEAD LEVEL	EC 9 TEMP AIR CO PILOTS FOOT LEVEL	EC 11 TEMP AIR CO PILOTS WAIST LEVEL	EC 12 TEMP AIR OUTLET OE-FOG R/H CABIN	EC 13 TEMP AIR OUTLET DE-FOG L/H CABIN
13 58 46	222.	.43	800.	.15	-2.16	74.	91.	87.	92.	95.	78.	69.	69.
13 58 51	489.	.39	786.	.22	-2.31	79.	91.	88.	91.	95.	78.	69.	71.
13 58 56	667.	-.12	714.	.25	-2.23	84.	91.	83.	94.	95.	78.	69.	67.
13 59 1	667.	-.01	678.	.26	-2.22	85.	92.	94.	92.	96.	77.	71.	69.
13 59 6	489.	.12	594.	.21	-2.25	85.	97.	84.	88.	99.	78.	74.	76.
13 59 11	444.	.10	579.	.23	-2.32	86.	97.	85.	89.	98.	78.	74.	76.
13 59 16	499.	.19	516.	.13	-2.26	85.	95.	82.	92.	98.	78.	73.	76.
13 59 21	89.	.17	500.	.12	-2.23	85.	96.	83.	92.	99.	78.	74.	75.
14 6 3	400.	.13	471.	.26	-2.40	85.	97.	79.	93.	99.	78.	74.	76.
14 6 8	222.	.19	398.	.21	-2.32	92.	99.	87.	94.	101.	87.	84.	98.
14 6 13	133.	.19	338.	.13	-2.25	99.	102.	90.	98.	103.	91.	94.	103.
14 6 18	89.	.18	329.	.19	-2.38	99.	102.	98.	99.	103.	89.	94.	104.
14 6 23	133.	.22	329.	.16	-2.55	99.	103.	93.	95.	104.	98.	93.	103.
14 6 28	89.	.26	329.	.18	-2.49	99.	102.	96.	96.	103.	98.	94.	104.
14 6 33	133.	.13	322.	.25	-2.46	99.	102.	98.	101.	95.	88.	95.	103.
14 6 38	267.	.15	322.	.27	-2.47	100.	101.	92.	99.	99.	88.	95.	100.
14 6 43	133.	.29	335.	.16	-2.63	100.	108.	98.	95.	103.	98.	95.	105.
14 6 48	178.	.27	339.	.13	-2.52	99.	101.	98.	95.	103.	98.	95.	105.
14 13 14	1022.	.23	359.	.07	-3.10	183.	105.	97.	100.	106.	95.	99.	105.
14 13 19	444.	.18	358.	.15	-3.03	183.	105.	98.	103.	106.	95.	100.	102.
14 13 24	1289.	.23	379.	.12	-2.96	95.	105.	95.	99.	106.	95.	100.	100.
14 13 29	737856.	.18	377.	.18	-3.01	99.	105.	97.	100.	105.	95.	99.	107.
14 13 34	1378.	.21	379.	.22	-3.84	101.	105.	95.	100.	105.	95.	99.	108.
14 13 39	1689.	.15	381.	.25	-3.08	102.	108.	97.	100.	104.	95.	100.	104.
14 13 44	1378.	.19	394.	.15	-3.21	101.	105.	96.	99.	104.	93.	97.	110.
14 13 49	1244.	.21	386.	.16	-3.22	102.	104.	97.	99.	104.	94.	98.	102.
14 13 54	1289.	.22	483.	.25	-2.98	104.	103.	100.	98.	103.	95.	100.	102.
14 16 8	1200.	.21	398.	.18	-3.14	103.	104.	97.	100.	103.	95.	100.	107.
14 16 13	1867.	.13	376.	.26	-3.13	103.	103.	98.	103.	105.	94.	100.	106.
14 16 18	1867.	.13	378.	.19	-3.15	103.	101.	99.	101.	102.	93.	97.	101.
14 16 23	1867.	.13	373.	.38	-3.22	103.	102.	100.	98.	104.	95.	100.	106.
14 16 28	737856.	-.06	378.	.30	-2.97	103.	99.	99.	99.	104.	95.	100.	105.
14 16 33	1733.	.12	383.	.18	-2.96	101.	102.	98.	103.	97.	84.	101.	105.
14 16 38	1511.	.07	381.	.17	-2.95	102.	102.	97.	104.	100.	98.	100.	106.
14 16 43	667.	0.00	359.	.13	-2.99	102.	103.	95.	102.	97.	95.	99.	100.
14 16 48	1556.	0.00	371.	.18	-2.94	102.	103.	97.	100.	101.	95.	100.	100.
14 16 53	1779.	-.06	375.	.23	-2.93	103.	102.	99.	103.	103.	95.	100.	105.
14 16 58	1208.	-.03	339.	.23	-2.99	104.	103.	100.	100.	102.	96.	101.	106.
14 17 3	1467.	-.01	327.	.13	-3.29	103.	103.	100.	99.	101.	97.	101.	100.
14 17 8	1467.	-.01	317.	.15	-3.23	104.	103.	100.	99.	101.	97.	101.	100.
14 17 13	1422.	-.06	319.	.18	-3.19	105.	103.	101.	95.	101.	97.	101.	100.
14 17 18	1422.	-.12	313.	.20	-3.06	105.	103.	98.	96.	101.	97.	101.	100.
14 17 23	737856.	-.07	303.	.18	-3.19	104.	100.	98.	103.	102.	99.	101.	109.
14 17 28	1467.	-.08	299.	.21	-3.25	104.	100.	98.	103.	101.	99.	101.	109.
14 17 33	1467.	-.18	303.	.23	-3.40	103.	101.	103.	105.	101.	97.	103.	106.
14 17 38	1689.	-.09	306.	.17	-3.16	104.	101.	103.	105.	101.	98.	102.	106.
14 17 43	1378.	-.01	309.	.13	-3.10	106.	101.	102.	101.	101.	97.	101.	106.
14 17 48	1378.	-.01	313.	.18	-3.28	105.	101.	102.	104.	101.	98.	102.	106.

C COMMUTATOR

TIME
H/M/S

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TIME H/M/S	EC 14 TEMP AIR	EC 15 TEMP AIR	EC 16 TEMP AIR	EC 17 TEMP AIR	EC 6 TEMP MASS	EC 10 TEMP MASS	EC 10 TEMP AIR	EC 19 TEMP AIR	EC 20 TEMP WIND	EC 21 TEMP WIND	EC 24 PRESS UPSTRM	EC 25 FLOW PRESS	EC 26 TEMP AIR
12 55 53	111.	94.	103.	95.	100.	99.	99.	97.	121.	110.	-2.	0.	107.
12 55 58	112.	95.	104.	99.	100.	99.	100.	98.	119.	112.	-1.	0.	101.
12 56 3	113.	97.	105.	103.	100.	100.	100.	93.	117.	110.	-3.	-0.	111.
12 56 13	114.	96.	104.	102.	100.	99.	101.	94.	116.	111.	-2.	-0.	116.
12 56 18	115.	98.	105.	101.	100.	99.	101.	95.	116.	119.	-0.	0.	103.
12 56 20	116.	90.	104.	99.	100.	99.	101.	96.	115.	115.	-5.	0.	118.
12 56 33	117.	93.	100.	99.	95.	99.	95.	100.	114.	122.	-0.	0.	09.
12 56 38	118.	98.	101.	99.	97.	100.	102.	102.	113.	128.	-1.	-0.	98.
12 56 43	119.	90.	103.	100.	99.	100.	103.	101.	113.	118.	-1.	0.	94.
12 56 51	120.	96.	106.	103.	99.	100.	103.	98.	113.	114.	-8.	0.	103.
12 56 54	121.	96.	105.	102.	99.	97.	100.	95.	120.	116.	0.	0.	111.
12 56 53	122.	97.	101.	99.	99.	97.	100.	100.	119.	128.	-1.	0.	105.
12 56 58	123.	99.	101.	99.	99.	97.	103.	103.	112.	118.	1.	-0.	103.
12 57 3	124.	95.	100.	100.	100.	99.	103.	101.	113.	117.	0.	-0.	96.
12 57 8	125.	95.	101.	100.	99.	99.	95.	105.	117.	124.	-0.	0.	94.
13 22 20	126.	101.	105.	103.	103.	101.	103.	106.	118.	124.	0.	0.	92.
13 22 25	127.	103.	106.	104.	103.	101.	105.	106.	115.	111.	61.	-0.	152.
13 22 30	128.	103.	105.	100.	102.	101.	105.	105.	113.	118.	52.	-0.	152.
13 22 35	129.	105.	106.	103.	102.	102.	108.	105.	112.	117.	43.	0.	127.
13 22 40	130.	100.	106.	106.	100.	102.	107.	106.	111.	112.	43.	0.	136.
13 22 45	131.	97.	107.	105.	100.	102.	103.	106.	113.	118.	46.	-0.	168.
13 22 50	132.	103.	103.	103.	100.	102.	106.	105.	113.	118.	40.	-0.	163.
13 23 0	133.	102.	104.	103.	102.	102.	106.	113.	108.	112.	10.	0.	164.
13 23 5	134.	103.	106.	106.	101.	101.	105.	113.	113.	113.	17.	1.	158.
13 23 10	135.	103.	106.	105.	101.	101.	105.	103.	111.	100.	19.	1.	162.
13 23 15	136.	101.	104.	105.	102.	101.	104.	99.	111.	100.	20.	1.	191.
13 23 20	137.	103.	101.	105.	103.	101.	105.	110.	115.	100.	10.	1.	199.
13 23 25	138.	106.	101.	105.	102.	102.	103.	105.	113.	113.	25.	1.	234.
13 23 30	139.	103.	103.	103.	106.	101.	106.	95.	115.	116.	42.	2.	205.
13 23 35	140.	95.	105.	103.	105.	101.	105.	108.	105.	112.	45.	2.	279.
13 23 40	141.	96.	105.	104.	102.	95.	108.	99.	110.	113.	40.	2.	309.
13 23 45	142.	97.	104.	103.	102.	98.	102.	99.	110.	115.	47.	2.	300.
13 23 50	143.	97.	103.	103.	95.	101.	105.	106.	111.	100.	44.	2.	317.
13 24 0	144.	93.	103.	103.	102.	100.	104.	107.	118.	107.	46.	2.	324.
13 24 05	145.	92.	103.	103.	102.	100.	103.	105.	107.	110.	50.	2.	324.
13 24 10	146.	90.	101.	101.	100.	105.	103.	102.	107.	114.	51.	2.	331.
13 24 15	147.	90.	101.	102.	101.	101.	102.	102.	105.	112.	52.	2.	364.
13 24 20	148.	91.	102.	102.	102.	101.	102.	98.	106.	109.	54.	1.	357.
13 24 25	149.	91.	102.	102.	101.	101.	102.	99.	106.	108.	52.	1.	364.
13 24 30	150.	92.	102.	102.	101.	101.	103.	102.	106.	107.	52.	1.	355.
13 24 35	151.	92.	102.	102.	101.	101.	103.	95.	106.	108.	53.	1.	364.
13 24 40	152.	91.	101.	100.	101.	101.	103.	98.	101.	110.	53.	1.	362.
13 24 45	153.	91.	101.	100.	101.	101.	103.	103.	101.	110.	55.	2.	394.
13 24 50	154.	92.	101.	102.	100.	103.	104.	103.	113.	114.	55.	1.	301.
13 24 55	155.	92.	102.	102.	100.	100.	104.	101.	105.	106.	54.	1.	304.

TIME W/M/S	EC 14 TEMP AIR OUTLET OVERH L/H CABIN	EC 15 TEMP AIR INLET CABIN SENSOR 1-12	EC 16 TEMP AIR INLET DUCT TEE CABIN	EC 17 TEMP AIR CABIN EXIT	EC 6 TEMP MASS PILOTS CREW STAT FLOOR	EC 10 TEMP MASS CO-PLT CREW STAT FLOOR	EC 18 TEMP AIR BEHIND PILOTS PANEL	EC 19 TEMP DIR BEHIND CO-PLT PANEL	EC 20 TEMP SURFAC WIND SHIELD BOTTOM	EC 21 TEMP SURFAC WIND SHIELD CENTER	EC 24 PRESS UPSTRM OF BLEED AIR REG	EC 25 FLOW PRESS OF BLD AIR	EC 26 TEMP AIR DOWNSTR OF SERVICE AIR REG
13 26 13	74.	92.	43.	101.	100.	100.	104.	100.	109.	110.	52.	2.	195.
13 26 18	72.	92.	42.	104.	100.	100.	100.	95.	106.	112.	52.	2.	309.
13 26 23	71.	92.	42.	104.	101.	101.	101.	95.	106.	110.	52.	2.	481.
13 26 29	68.	96.	38.	102.	100.	100.	103.	104.	105.	110.	51.	2.	414.
13 26 34	69.	95.	39.	100.	99.	100.	104.	98.	105.	111.	51.	2.	484.
13 26 39	53.	97.	41.	97.	99.	100.	101.	100.	112.	114.	53.	2.	419.
13 26 44	50.	97.	100.	95.	98.	100.	102.	101.	114.	95.	51.	2.	411.
13 26 49	74.	97.	112.	99.	101.	98.	102.	101.	111.	99.	50.	2.	418.
13 26 54	78.	97.	144.	105.	101.	99.	102.	95.	107.	100.	53.	2.	418.
13 26 59	90.	96.	158.	105.	101.	99.	103.	97.	109.	111.	52.	2.	428.
13 27 4	93.	98.	169.	105.	100.	105.	103.	105.	113.	100.	51.	1.	439.
13 27 9	100.	101.	173.	106.	101.	102.	102.	102.	109.	107.	53.	1.	427.
13 27 14	105.	105.	102.	103.	99.	99.	103.	102.	110.	113.	36.	2.	399.
13 27 19	102.	102.	92.	104.	100.	100.	102.	101.	109.	118.	35.	2.	416.
13 27 24	98.	98.	71.	103.	101.	97.	103.	94.	110.	113.	37.	2.	448.
13 27 29	95.	99.	67.	102.	101.	98.	100.	104.	112.	112.	36.	2.	439.
13 27 34	90.	97.	58.	103.	99.	99.	104.	104.	110.	107.	30.	2.	432.
13 27 39	88.	95.	55.	104.	100.	98.	104.	99.	108.	110.	37.	2.	463.
13 27 44	84.	88.	54.	105.	100.	99.	105.	94.	106.	111.	30.	2.	429.
13 27 49	87.	88.	54.	104.	100.	100.	106.	94.	107.	113.	38.	2.	432.
13 27 54	85.	95.	52.	102.	100.	99.	104.	95.	110.	119.	35.	2.	445.
13 28 4	84.	95.	58.	102.	100.	99.	104.	95.	111.	117.	35.	2.	465.
13 28 9	80.	95.	47.	101.	101.	95.	105.	101.	112.	108.	35.	2.	433.
13 28 19	77.	93.	47.	102.	101.	97.	104.	101.	110.	109.	37.	2.	434.
13 28 24	80.	91.	46.	105.	95.	99.	102.	94.	105.	109.	30.	2.	448.
13 28 29	80.	93.	47.	103.	97.	99.	102.	94.	108.	112.	38.	2.	443.
13 28 34	76.	95.	46.	95.	99.	99.	105.	95.	110.	109.	38.	2.	445.
13 28 39	76.	97.	46.	98.	99.	100.	102.	96.	110.	110.	38.	2.	446.
13 28 44	76.	97.	46.	101.	99.	98.	104.	99.	114.	112.	36.	2.	445.
13 28 49	87.	99.	128.	100.	98.	98.	104.	99.	112.	111.	33.	2.	447.
13 28 54	91.	100.	135.	102.	98.	99.	105.	95.	112.	100.	32.	2.	463.
13 29 5	96.	99.	140.	105.	99.	99.	104.	102.	112.	106.	33.	2.	452.
13 29 10	99.	100.	152.	105.	100.	99.	104.	102.	108.	100.	32.	2.	430.
13 29 15	106.	101.	159.	105.	99.	99.	105.	102.	108.	100.	32.	2.	441.
13 29 20	101.	102.	140.	105.	100.	98.	105.	100.	112.	112.	33.	2.	424.
13 29 25	99.	100.	85.	100.	101.	98.	105.	103.	108.	106.	33.	2.	448.
13 29 30	97.	96.	74.	105.	100.	99.	103.	103.	105.	103.	20.	2.	442.
13 29 35	96.	96.	71.	105.	101.	98.	103.	100.	107.	103.	31.	2.	442.
13 29 40	92.	97.	63.	105.	101.	99.	104.	104.	95.	106.	31.	2.	447.
13 29 45	91.	97.	61.	103.	100.	98.	104.	104.	103.	107.	32.	1.	445.
13 29 50	91.	96.	57.	104.	99.	99.	103.	97.	110.	113.	32.	2.	454.
13 29 55	88.	94.	56.	106.	101.	101.	103.	101.	108.	104.	32.	2.	435.
13 30 0	81.	95.	55.	105.	100.	96.	106.	102.	109.	104.	31.	2.	432.
13 30 5	86.	95.	54.	103.	100.	96.	106.	98.	112.	105.	36.	2.	450.
13 30 10	86.	96.	53.	99.	100.	98.	106.	100.	110.	107.	32.	2.	452.

TIME
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TIME H/M/S	EC 14 TEMP AIR	EC 15 TEMP AIR	EC 16 TEMP AIR	EC 17 TEMP AIR	EC 6 TEMP MASS	EC 10 TEMP MASS	EC 10 TEMP AIR	EC 19 TEMP AIR	EC 20 TEMP SURFAC	EC 21 TEMP SURFAC	EC 24 PRESS UPSTRM	EC 25 FLOW PRESS	EC 26 TEMP AIR
13 30 20	86.	98.	52.	183.	99.	98.	105.	102.	112.	110.	31.	2.	429.
13 30 25	85.	98.	52.	184.	99.	99.	105.	99.	111.	112.	32.	2.	445.
13 30 30	86.	98.	54.	184.	100.	98.	105.	93.	109.	112.	35.	2.	445.
13 30 35	85.	98.	54.	183.	100.	99.	105.	93.	111.	113.	33.	2.	447.
13 30 40	86.	99.	53.	95.	100.	99.	106.	98.	106.	112.	32.	2.	459.
13 30 45	85.	97.	78.	100.	98.	99.	104.	92.	106.	109.	38.	2.	456.
13 30 50	91.	97.	141.	106.	101.	99.	103.	97.	106.	104.	29.	2.	439.
13 31 0	93.	99.	158.	105.	100.	99.	104.	100.	113.	106.	30.	2.	444.
13 31 5	105.	97.	171.	107.	100.	100.	105.	93.	108.	110.	28.	2.	444.
13 31 10	106.	97.	172.	106.	100.	98.	105.	97.	104.	110.	28.	2.	443.
13 31 15	110.	103.	170.	105.	97.	98.	106.	101.	114.	110.	30.	2.	458.
13 31 15	109.	99.	153.	105.	98.	98.	105.	102.	113.	109.	39.	2.	458.
13 31 20	105.	103.	91.	103.	99.	105.	106.	181.	111.	112.	53.	2.	452.
13 31 25	102.	100.	91.	103.	99.	102.	106.	98.	110.	113.	51.	2.	451.
13 31 30	99.	104.	71.	105.	99.	98.	105.	92.	112.	118.	51.	2.	452.
13 31 35	95.	98.	66.	105.	100.	97.	105.	93.	109.	110.	37.	1.	435.
13 31 40	93.	93.	65.	106.	100.	95.	105.	102.	109.	110.	21.	1.	444.
13 32 17	91.	95.	78.	106.	100.	96.	105.	100.	109.	103.	21.	1.	429.
13 32 22	95.	99.	76.	106.	101.	105.	106.	105.	110.	107.	28.	1.	388.
13 32 35	96.	99.	76.	107.	101.	101.	105.	100.	109.	105.	28.	1.	405.
13 32 32	97.	100.	88.	105.	95.	98.	106.	92.	109.	113.	18.	1.	370.
13 32 37	96.	101.	78.	105.	97.	98.	106.	100.	111.	112.	19.	1.	389.
13 32 42	97.	97.	79.	107.	101.	97.	105.	100.	107.	103.	18.	1.	321.
13 32 47	98.	98.	79.	107.	100.	98.	105.	98.	108.	106.	19.	1.	379.
13 32 57	97.	97.	79.	108.	95.	98.	106.	103.	106.	105.	21.	1.	306.
13 33 2	98.	99.	77.	108.	97.	98.	107.	100.	109.	109.	28.	1.	385.
13 33 2	98.	101.	78.	106.	101.	99.	110.	97.	110.	114.	18.	1.	357.
13 33 7	98.	100.	80.	108.	100.	98.	107.	98.	105.	110.	21.	1.	366.
13 33 12	101.	98.	84.	108.	100.	99.	107.	95.	105.	111.	18.	1.	368.
13 33 17	100.	100.	83.	107.	100.	99.	107.	95.	108.	114.	19.	1.	368.
13 33 27	95.	96.	74.	106.	103.	99.	106.	106.	111.	107.	18.	1.	368.
13 33 33	95.	98.	77.	108.	102.	98.	106.	104.	110.	103.	28.	1.	368.
13 33 38	98.	99.	82.	108.	99.	98.	106.	98.	115.	106.	18.	1.	388.
13 33 51	98.	100.	82.	108.	99.	100.	107.	98.	106.	111.	20.	1.	388.
13 33 51	98.	100.	82.	108.	99.	100.	107.	98.	106.	111.	20.	1.	388.
13 33 53	97.	99.	72.	108.	101.	99.	105.	103.	107.	100.	23.	1.	361.
13 33 53	98.	101.	77.	108.	100.	99.	108.	101.	108.	112.	22.	1.	368.
13 33 53	95.	101.	80.	109.	101.	100.	107.	106.	105.	101.	18.	1.	364.
13 33 58	97.	101.	81.	106.	100.	100.	107.	102.	107.	107.	18.	1.	356.
13 34 3	98.	103.	80.	106.	100.	98.	107.	105.	113.	111.	22.	1.	352.
13 34 8	98.	101.	81.	108.	101.	98.	106.	102.	110.	108.	21.	1.	355.
13 34 13	99.	101.	82.	108.	100.	99.	108.	101.	108.	113.	19.	1.	351.
13 34 18	97.	102.	82.	108.	100.	100.	107.	103.	110.	111.	19.	1.	352.
13 34 23	100.	101.	82.	113.	101.	99.	108.	95.	105.	113.	18.	1.	344.
13 34 29	99.	100.	81.	109.	101.	99.	108.	101.	108.	111.	19.	1.	347.
13 34 42	99.	100.	81.	110.	105.	99.	108.	97.	103.	112.	18.	1.	364.
13 34 39	98.	98.	80.	109.	103.	101.	107.	102.	106.	109.	18.	1.	341.
13 34 44	99.	103.	80.	108.	101.	99.	109.	100.	110.	114.	23.	1.	368.
13 34 49	99.	101.	81.	104.	101.	98.	108.	102.	109.	109.	22.	1.	352.
13 34 54	101.	95.	83.	109.	101.	99.	108.	97.	107.	112.	20.	1.	351.

TIME H/M/S	EC 14 TEMP AIR OUTLET OVERH L/H CABIN	EC 15 TEMP AIR INLET CABIN SENSOR 1-12	EC 16 TEMP AIR INLET DUCT TEE CABIN	EC 17 TEMP AIR CABIN EXIT	EC 18 TEMP AIR BEHIND PILOTS PANEL	EC 19 TEMP AIR BEHIND CO-PLT PANEL	EC 20 TEMP SURFAC WIND SHIELD BOTTOM	EC 21 TEMP SURFAC WIND SHIELD CENTER	EC 24 PRESS UPSTRM OF BLEED AIR REG	EC 25 FLOW PRESS UPSTRM OF BLD AIR	EC 26 TEMP AIR DOWNSTR OF SERVICE AIR REG
13 34 59	99.	100.	81.	109.	108.	101.	107.	111.	19.	1.	342.
13 35 4	100.	98.	83.	110.	108.	96.	105.	112.	18.	1.	340.
13 35 9	101.	99.	83.	110.	108.	96.	105.	113.	19.	1.	345.
13 35 14	99.	97.	81.	108.	108.	95.	109.	113.	22.	1.	352.
13 35 19	99.	98.	81.	108.	108.	97.	107.	109.	21.	1.	344.
13 35 24	101.	99.	80.	112.	108.	97.	106.	112.	18.	1.	325.
13 35 29	100.	98.	79.	103.	109.	100.	108.	113.	20.	1.	339.
13 35 34	100.	102.	79.	108.	109.	99.	107.	112.	21.	1.	337.
13 35 39	101.	101.	79.	110.	109.	98.	107.	112.	20.	1.	328.
13 35 44	99.	97.	79.	106.	108.	101.	105.	106.	19.	1.	345.
13 51 26	100.	100.	73.	111.	111.	107.	107.	105.	19.	1.	328.
13 51 26	103.	103.	68.	111.	110.	104.	110.	112.	20.	1.	387.
13 51 31	101.	102.	67.	112.	110.	107.	110.	108.	19.	1.	389.
13 51 36	98.	99.	69.	117.	114.	105.	106.	111.	20.	1.	305.
13 51 41	100.	101.	68.	116.	115.	105.	110.	110.	19.	1.	311.
13 51 46	103.	99.	67.	117.	114.	105.	105.	109.	18.	1.	305.
13 51 51	102.	102.	67.	116.	115.	107.	109.	107.	19.	1.	304.
13 51 57	101.	101.	67.	110.	115.	104.	116.	112.	20.	1.	295.
13 52 2	102.	100.	67.	113.	114.	105.	112.	108.	20.	1.	301.
13 52 15	100.	103.	67.	114.	115.	110.	113.	108.	17.	1.	319.
13 52 17	102.	101.	69.	115.	116.	106.	110.	109.	19.	1.	313.
13 52 22	100.	100.	66.	116.	114.	111.	111.	103.	20.	1.	312.
13 52 35	100.	102.	67.	116.	114.	106.	110.	107.	20.	1.	311.
13 52 37	101.	100.	65.	113.	114.	113.	111.	106.	21.	1.	303.
13 52 42	103.	100.	66.	116.	114.	106.	108.	107.	20.	1.	298.
13 52 47	102.	102.	67.	114.	116.	108.	113.	100.	10.	1.	319.
13 52 52	101.	97.	67.	112.	116.	108.	110.	109.	20.	1.	306.
13 52 57	101.	99.	67.	118.	114.	103.	106.	106.	19.	1.	311.
13 53 2	102.	100.	67.	117.	115.	107.	107.	105.	19.	1.	303.
13 53 7	100.	100.	66.	116.	115.	107.	111.	105.	21.	1.	305.
13 53 20	99.	101.	66.	115.	115.	112.	110.	107.	20.	1.	303.
13 53 30	95.	103.	66.	112.	115.	112.	110.	105.	18.	1.	321.
13 53 35	97.	101.	64.	116.	117.	95.	107.	111.	20.	1.	321.
13 53 40	91.	101.	37.	114.	116.	102.	110.	111.	20.	1.	327.
13 53 45	81.	95.	32.	112.	115.	106.	108.	108.	43.	2.	368.
13 53 50	80.	93.	36.	111.	113.	106.	108.	105.	49.	3.	378.
13 54 0	76.	90.	38.	111.	113.	105.	108.	103.	82.	4.	400.
13 54 5	71.	89.	37.	110.	113.	105.	108.	107.	95.	3.	433.
13 54 10	69.	89.	38.	111.	110.	97.	108.	114.	130.	2.	511.
13 54 15	69.	90.	42.	108.	106.	100.	108.	108.	144.	2.	536.
13 54 20	68.	87.	40.	108.	103.	103.	106.	108.	144.	2.	536.
13 54 25	68.	87.	40.	108.	103.	103.	106.	108.	144.	2.	536.
13 54 31	65.	87.	40.	108.	103.	103.	106.	108.	144.	2.	536.
13 54 36	65.	87.	40.	108.	103.	103.	106.	108.	144.	2.	536.
13 54 41	66.	87.	40.	108.	103.	103.	106.	108.	144.	2.	536.

TIME H/M/S	EC 14 TEMP AIR OUTLET OVERHD L/H CABIN	EC 15 TEMP AIR INLET CABIN SENSOP 1-12	EC 16 TEMP AIR INLET DUCT TEE CABIN	EC 17 TEMP AIR CABIN EXIT	EC 6 TEMP MASS PILOTS CREW STAT FLOOR	EC 19 TEMP MASS CO-PLT CREW STAT FLOOR	EC 18 TEMP AIR BEHIND PILOTS PANEL	EC 19 TEMP AIR BEHIND CO-PLT PANEL	EC 20 TEMP SURFAC WIND SHIELD BOTTOM	EC 21 TEMP SURFAC WIND SHIELD CENTER	EC 24 PRESS UPSTRM OF BLEED AIR REG	EC 25 FLOW PRESS UPSTRM OF BLD AIR	EC 26 TEMP AIR DMNSTR OF SERVICE AR REG
13 58 46	65.	86.	42.	100.	99.	95.	111.	96.	103.	106.	181.	1.	778.
13 58 51	59.	91.	42.	107.	99.	96.	111.	95.	104.	107.	147.	1.	777.
13 58 56	65.	85.	44.	118.	103.	96.	95.	90.	100.	103.	28.	1.	731.
13 59 1	66.	87.	45.	110.	101.	97.	102.	97.	100.	107.	28.	1.	720.
13 59 6	69.	95.	46.	110.	99.	99.	111.	90.	100.	118.	19.	1.	692.
13 59 11	69.	92.	46.	110.	100.	98.	111.	94.	103.	109.	23.	1.	659.
13 59 16	71.	92.	45.	110.	98.	97.	111.	99.	105.	103.	19.	1.	592.
13 59 21	71.	92.	39.	110.	100.	97.	111.	100.	105.	103.	19.	1.	597.
14 6 3	74.	95.	47.	112.	104.	96.	118.	101.	104.	105.	21.	1.	558.
14 6 8	84.	97.	55.	112.	102.	97.	111.	101.	106.	100.	22.	1.	449.
14 6 13	90.	100.	59.	113.	102.	96.	113.	111.	110.	95.	22.	1.	351.
14 6 18	87.	100.	61.	113.	101.	96.	113.	111.	109.	99.	23.	1.	348.
14 6 23	93.	98.	65.	112.	99.	97.	114.	100.	116.	110.	23.	1.	348.
14 6 28	92.	99.	64.	112.	100.	97.	114.	103.	113.	108.	24.	1.	332.
14 6 33	92.	97.	63.	114.	101.	97.	118.	109.	110.	108.	23.	1.	358.
14 6 38	93.	97.	64.	114.	101.	97.	108.	104.	109.	105.	23.	1.	345.
14 6 43	88.	99.	66.	112.	100.	97.	114.	105.	111.	111.	25.	1.	319.
14 6 48	98.	101.	66.	112.	100.	97.	114.	105.	111.	111.	25.	1.	318.
14 13 14	95.	99.	88.	116.	101.	97.	112.	103.	107.	108.	22.	1.	321.
14 13 19	95.	100.	88.	116.	101.	98.	112.	105.	106.	108.	21.	1.	329.
14 13 24	94.	105.	88.	114.	101.	96.	117.	109.	112.	109.	19.	1.	317.
14 13 29	95.	103.	88.	115.	101.	97.	114.	104.	109.	109.	18.	1.	317.
14 13 34	96.	103.	88.	115.	102.	97.	115.	104.	110.	105.	19.	1.	322.
14 13 39	94.	102.	77.	115.	101.	100.	117.	104.	109.	106.	18.	1.	327.
14 13 44	94.	102.	80.	113.	100.	97.	117.	109.	111.	107.	20.	1.	331.
14 13 49	93.	102.	80.	115.	100.	98.	116.	109.	109.	105.	20.	1.	337.
14 13 54	97.	103.	82.	115.	101.	97.	114.	101.	110.	111.	20.	1.	329.
14 16 8	91.	103.	81.	114.	102.	96.	114.	106.	110.	108.	20.	1.	322.
14 16 13	97.	100.	82.	113.	102.	97.	113.	103.	100.	114.	4.	1.	338.
14 16 18	96.	100.	83.	115.	101.	97.	113.	103.	100.	118.	3.	0.	325.
14 16 23	96.	102.	85.	115.	95.	96.	112.	103.	110.	105.	-1.	0.	312.
14 16 28	95.	100.	84.	116.	99.	97.	111.	101.	110.	106.	-1.	0.	303.
14 16 33	95.	98.	84.	115.	101.	97.	112.	109.	110.	107.	8.	1.	305.
14 16 38	94.	99.	84.	113.	99.	97.	111.	111.	110.	110.	1.	0.	297.
14 16 43	93.	102.	84.	113.	100.	97.	112.	111.	107.	118.	0.	0.	306.
14 16 48	95.	102.	85.	113.	100.	97.	112.	106.	106.	107.	0.	0.	299.
14 16 53	95.	99.	86.	114.	101.	96.	111.	105.	112.	109.	0.	0.	275.
14 16 58	97.	99.	89.	112.	100.	97.	111.	103.	110.	106.	0.	0.	261.
14 17 3	97.	105.	90.	100.	101.	98.	112.	101.	107.	102.	-1.	0.	246.
14 17 8	97.	105.	90.	100.	101.	96.	113.	102.	107.	104.	-1.	0.	247.
14 17 13	97.	103.	91.	100.	100.	97.	111.	100.	107.	103.	-1.	0.	250.
14 17 18	97.	104.	89.	100.	101.	97.	113.	103.	106.	102.	-2.	0.	255.
14 17 23	95.	103.	86.	106.	101.	97.	112.	109.	105.	108.	-1.	0.	247.
14 17 28	95.	103.	87.	101.	101.	96.	112.	110.	107.	110.	-1.	0.	240.
14 17 33	97.	101.	87.	100.	101.	97.	111.	110.	112.	114.	-1.	0.	220.
14 17 38	97.	101.	89.	100.	100.	96.	110.	110.	111.	110.	0.	0.	239.
14 17 43	98.	102.	92.	100.	101.	97.	111.	105.	111.	108.	8.	0.	246.
14 17 48	97.	102.	91.	109.	100.	97.	111.	107.	111.	111.	8.	0.	241.

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TIME H/M/S	EC 27 PRESS TOTAL DOWNSTR SER AIR PRESS	EC 28 FLOWR DOWNSTR SV REG PY274	EC 39 PRESS STATIC DOWNSTR OF PRIMARY HX	EC 29 TEMP AIR UPSTRM OF WATER SEP	EC 44 TEMP AIR DOWNSTR OF COMPR	EC 45 TEMP AIR INLET ECS TURBIN	EC 46 TEMP AIR OUTLET ECS TURBIN	EC 47 PRESS ECS TURBIN INLET	EC 48 PRESS STATIC ECS TURBIN OUTLET	EC 38 PRESS UPSTRM OF WATER SEP	EC 32 TEMP AIR MAIN CABIN SUPPLY FLUTUBE	EC 33 PRESS MAIN CABIN AT FLOW TUBE	EC 35 TEMP AIR FWD EQUIP BAY VENTUR
12 55 53	-1.	-.391	-1.	100.	111.	103.	106.	2.	.33	.10	103.	-1.17	103.
12 55 50	-1.	-.254	-1.	100.	121.	103.	105.	3.	.31	.05	103.	-.47	103.
12 56 3	-0.	-.196	-0.	100.	94.	105.	105.	-0.	.27	-.10	103.	-.96	104.
12 56 8	-0.	-.254	-0.	100.	97.	104.	105.	1.	.32	-.08	103.	-.57	104.
12 56 13	-0.	-.196	0.	101.	110.	103.	104.	1.	.39	-.02	103.	.74	105.
12 56 18	-1.	-.283	0.	98.	109.	103.	104.	-0.	.42	0.00	103.	-.37	104.
12 56 28	-1.	-.391	-0.	100.	120.	103.	105.	-5.	.29	.22	103.	-3.23	103.
12 56 33	-1.	-.332	-0.	100.	102.	103.	105.	-4.	.33	.09	100.	-2.51	103.
12 56 38	-1.	-.235	-0.	100.	111.	104.	101.	1.	.27	-.02	105.	-.04	111.
12 56 43	-1.	-.264	-0.	100.	114.	104.	103.	1.	.23	.42	105.	-.61	108.
12 56 51	-1.	-.293	0.	101.	117.	103.	107.	0.	.33	0.00	103.	-1.17	112.
12 56 40	-1.	-.274	0.	98.	115.	104.	106.	0.	.31	-.08	103.	-1.37	107.
12 56 53	-1.	-.274	0.	100.	106.	103.	108.	-5.	.35	.14	103.	-1.47	105.
12 56 58	-1.	-.332	-0.	100.	113.	102.	102.	-4.	.37	.19	103.	-1.20	104.
12 57 3	-2.	-.411	-0.	102.	121.	105.	105.	-2.	.14	.04	103.	-.76	105.
12 57 8	-1.	-.301	-0.	101.	118.	105.	105.	-1.	.14	.06	101.	-.11	103.
13 22 20	48.	-.547	0.	78.	163.	99.	84.	-30.	.33	0.00	99.	-.92	95.
13 22 25	46.	-.313	0.	77.	149.	101.	83.	-29.	.20	.16	100.	-.57	90.
13 22 30	44.	-.274	-1.	78.	117.	98.	84.	-32.	.37	.20	101.	-.06	97.
13 22 35	44.	-.235	-1.	78.	117.	99.	84.	-28.	.30	.21	101.	.74	90.
13 22 40	46.	-.156	0.	74.	127.	102.	82.	-30.	.29	.20	97.	1.13	90.
13 22 45	40.	-.205	0.	74.	130.	102.	82.	-30.	.26	.06	97.	1.66	90.
13 22 50	14.	-.352	-0.	78.	123.	95.	74.	-20.	1.04	.65	103.	1.23	93.
13 23 0	14.	-.362	1.	57.	157.	96.	50.	-7.	1.55	1.16	100.	1.03	82.
13 23 5	17.	-.489	2.	30.	107.	95.	24.	5.	5.16	4.34	101.	1.56	61.
13 23 5	17.	-.342	2.	31.	204.	97.	27.	1.	4.79	3.83	101.	1.66	57.
13 23 10	17.	-.411	2.	35.	217.	90.	39.	4.	3.75	2.68	98.	1.39	48.
13 24 43	24.	-.203	2.	35.	267.	125.	37.	20.	5.39	4.39	93.	1.23	43.
13 24 40	30.	-.293	2.	36.	319.	163.	38.	48.	10.19	8.11	52.	-.08	35.
13 24 51	40.	-.264	2.	36.	339.	169.	39.	53.	10.40	8.16	46.	.31	36.
13 24 50	44.	-.254	3.	40.	398.	181.	43.	54.	10.13	7.94	42.	.02	35.
13 25 3	43.	-.332	3.	38.	398.	187.	43.	55.	9.74	7.42	43.	.18	36.
13 25 0	44.	-.332	2.	35.	399.	203.	44.	65.	8.50	6.24	43.	1.99	39.
13 25 13	44.	-.332	2.	37.	428.	209.	45.	62.	8.24	6.16	44.	.79	38.
13 25 18	46.	-.352	2.	37.	450.	221.	44.	59.	7.08	5.43	43.	.12	38.
13 25 23	46.	-.274	2.	39.	457.	221.	46.	54.	6.39	4.95	42.	.31	38.
13 25 28	48.	-.450	2.	41.	468.	225.	48.	44.	4.71	4.14	42.	-.14	37.
13 25 33	48.	-.203	2.	42.	465.	226.	43.	42.	4.64	3.88	44.	.94	39.
13 25 43	47.	-.254	3.	40.	449.	231.	40.	41.	4.63	3.81	41.	-.98	40.
13 25 48	46.	-.254	3.	41.	452.	231.	39.	43.	4.67	3.78	44.	.03	41.
13 25 53	47.	-.411	3.	39.	450.	230.	38.	46.	4.73	3.97	42.	1.56	40.
13 25 58	47.	-.203	2.	39.	450.	231.	35.	38.	4.70	3.82	40.	.45	40.
13 26 3	48.	-.352	3.	40.	476.	233.	35.	39.	4.59	3.95	42.	-.59	40.
13 26 8	48.	-.274	3.	41.	467.	233.	37.	36.	4.58	3.73	42.	-.66	41.
13 26 3	48.	-.235	3.	44.	463.	235.	42.	36.	4.40	3.50	42.	-.94	42.

TIME M/H/S	EC 27 PRESS TOTAL DWNSTR SER	EC 28 FLOWSTR OWNSTR SV REG PY270- PY274	EC 39 PRESS STATIC DWNSTR OF PRIMRY HX	EC 29 TEMP AIR UPSTRM OF WATER SEP	EC 44 TEMP AIR DWNSTR OF COMPR	EC 45 TEMP AIR INLET ECS TURBIN	FC 46 TEMP AIR OUTLET ECS TURBIN	EC 47 PRESS ECS TURBIN INLET	EC 48 PRESS STATIC ECS TURBIN OUTLET	EC 38 PRESS UPSTRM OF WATER SEP	EC 32 TEMP AIR MAIN CABIN SUPPLY FLUTE	EC 33 PRESS MAIN CABIN AT FLOW TUBE	EC 35 TEMP AIR FWD EQUIP BAY VENTUR
13 26 13	47.	-235	3.	44.	468.	234.	42.	48.	4.71	3.92	48.	-74	42.
13 26 18	45.	-215	3.	39.	478.	230.	44.	59.	6.26	4.97	38.	-82	39.
13 26 23	46.	-244	3.	39.	464.	231.	43.	59.	5.82	4.64	38.	1.11	39.
13 26 29	47.	-391	2.	37.	515.	237.	36.	42.	5.26	4.34	39.	-1.39	48.
13 26 34	47.	-352	2.	36.	508.	235.	48.	47.	5.27	4.84	39.	-98	39.
13 26 39	47.	-378	3.	40.	488.	233.	35.	51.	5.28	4.14	39.	8.00	40.
13 26 44	47.	-215	2.	39.	493.	234.	36.	58.	5.29	4.48	47.	-27	48.
13 26 49	46.	-196	2.	42.	476.	237.	41.	45.	5.38	4.44	126.	-2.48	41.
13 26 54	46.	-293	2.	44.	483.	236.	44.	41.	5.82	4.31	135.	-2.18	41.
13 26 59	48.	-332	3.	52.	458.	233.	49.	31.	4.67	3.66	163.	-1.66	42.
13 27 4	48.	-332	3.	50.	473.	234.	58.	29.	4.53	3.61	178.	-1.92	44.
13 27 9	48.	-430	2.	42.	471.	236.	50.	31.	4.85	3.58	188.	.57	46.
13 27 14	48.	-215	2.	46.	457.	232.	48.	26.	3.89	3.13	187.	-88	47.
13 27 19	32.	-039	2.	46.	450.	236.	46.	41.	4.59	3.64	76.	-1.82	44.
13 27 24	33.	-176	2.	46.	464.	237.	44.	39.	4.53	3.73	67.	-84	45.
13 27 29	33.	-293	3.	42.	455.	239.	32.	38.	4.59	3.71	54.	-35	45.
13 27 34	34.	-332	3.	43.	465.	238.	37.	38.	4.50	3.73	52.	.25	45.
13 27 39	33.	-176	3.	44.	453.	236.	48.	40.	4.69	3.68	49.	.28	44.
13 27 44	33.	-215	2.	45.	462.	237.	48.	42.	4.65	3.73	48.	.57	44.
13 27 49	33.	-274	2.	46.	462.	241.	47.	40.	4.63	3.58	44.	-23	44.
13 27 54	33.	-342	3.	45.	462.	248.	45.	48.	4.58	3.58	45.	-28	43.
13 27 59	34.	-391	3.	42.	481.	239.	45.	39.	4.48	3.75	42.	.23	44.
13 28 4	34.	-391	3.	42.	483.	235.	44.	39.	4.44	3.74	37.	.17	44.
13 28 9	34.	-254	3.	42.	474.	238.	42.	39.	4.65	3.79	45.	-1.86	44.
13 28 19	34.	-215	3.	43.	467.	238.	44.	40.	4.67	3.71	45.	-98	44.
13 28 24	34.	-235	3.	44.	464.	236.	46.	39.	4.75	3.71	43.	-98	44.
13 28 29	34.	-235	3.	43.	467.	236.	44.	39.	4.71	3.55	44.	-1.26	44.
13 28 34	33.	-156	3.	46.	455.	238.	47.	37.	4.69	3.71	46.	-86	43.
13 28 39	34.	-332	3.	44.	464.	237.	47.	37.	4.66	3.73	45.	-49	44.
13 28 44	32.	-264	2.	46.	481.	239.	45.	44.	4.59	3.68	45.	.29	44.
13 28 49	29.	-254	2.	47.	481.	240.	47.	37.	4.45	3.59	75.	-66	45.
13 28 54	29.	-274	2.	48.	458.	235.	46.	38.	4.50	3.44	154.	-53	42.
13 28 59	30.	-489	3.	51.	439.	237.	49.	32.	4.43	3.40	159.	-31	44.
13 29 5	30.	-323	2.	48.	456.	238.	45.	29.	4.14	3.25	165.	-1.29	47.
13 29 10	30.	-332	3.	46.	444.	237.	47.	24.	4.18	3.38	168.	-1.17	47.
13 29 15	37.	-528	3.	47.	458.	237.	47.	40.	4.26	3.21	172.	-1.13	48.
13 29 20	29.	-156	2.	49.	452.	237.	51.	40.	4.83	3.98	144.	-1.22	47.
13 29 25	30.	-313	3.	48.	452.	238.	51.	32.	4.24	3.32	69.	-1.37	47.
13 29 30	30.	-332	3.	50.	443.	239.	50.	31.	4.23	3.30	65.	-2.11	48.
13 29 35	29.	-274	3.	50.	443.	239.	50.	31.	4.32	3.30	57.	-59	49.
13 29 40	30.	-176	2.	47.	460.	238.	50.	33.	4.27	3.33	56.	-81	49.
13 29 45	30.	-313	2.	47.	455.	232.	47.	34.	4.18	3.68	52.	-1.58	48.
13 29 50	30.	-371	3.	49.	442.	238.	48.	27.	4.18	3.56	53.	-1.57	48.
13 29 55	38.	-303	2.	49.	442.	238.	48.	28.	4.18	3.50	52.	-1.96	48.
13 30 0	30.	-254	2.	50.	448.	237.	50.	33.	4.24	3.47	51.	-2.36	48.
13 30 5	30.	-225	2.	48.	452.	236.	51.	30.	4.05	3.54	48.	-1.86	48.
13 30 10	30.	-176	3.	48.	436.	239.	50.	34.	4.12	3.60	49.	-1.75	48.
13 30 15	30.	-411	2.	48.	448.	237.	49.	34.	4.29	3.44	50.	-1.52	48.

TIME H/M/S	EC 27 PRESS TOTAL SER AIR PRESS	EC 20 FLOWSTR OF SV REG PY270- PY274	EC 19 PRESS STATIC DMNSTR OF PRIMRY HX	EC 29 TEMP AIR UPSTRM OF WATER SEP	EC 44 TEMP AIR DMNSTR OF CONPR	EC 45 TEMP AIR INLET ECS TURBIN	EC 46 TEMP AIR OUTLET ECS TURBIN	EC 47 PRESS ECS TURBIN INLET	EC 48 PRESS STATIC ECS TURBIN OUTLET	EC 30 PRESS UPSTRM OF WATER SEP	EC 32 TEMP AIR MAIN CABIN SUPPLY FLUTUBE	EC 33 PRESS MAIN CABIN AT FLOW TUBE	EC 35 TEMP AIR FWD EQUIP BAY VENTUR
13 30 20	30.	-.293	3.	40.	458.	237.	47.	34.	4.20	3.62	50.	-1.21	40.
13 30 25	30.	-.225	2.	40.	455.	236.	48.	34.	4.25	3.62	50.	-1.59	40.
13 30 30	29.	-.371	3.	46.	443.	237.	46.	34.	4.32	3.66	45.	-.63	40.
13 30 35	29.	-.283	2.	46.	452.	238.	47.	34.	4.31	3.60	47.	-1.35	49.
13 30 40	30.	-.235	2.	48.	454.	239.	50.	41.	4.22	3.56	48.	-1.33	40.
13 30 45	28.	-.352	3.	49.	443.	238.	50.	33.	4.09	3.33	80.	-1.59	49.
13 30 55	25.	-.430	2.	54.	415.	239.	54.	24.	4.22	2.99	171.	-.37	51.
13 31 0	26.	-.381	2.	52.	420.	239.	51.	23.	4.09	3.10	178.	-1.03	51.
13 31 5	20.	-.274	2.	53.	449.	239.	54.	25.	3.83	3.36	187.	-.53	52.
13 31 10	28.	-.459	2.	52.	441.	237.	53.	21.	3.84	3.19	189.	-.38	51.
13 31 15	26.	-.352	2.	50.	425.	237.	48.	29.	3.89	3.11	194.	-.36	52.
13 31 20	37.	-.244	3.	46.	448.	238.	42.	45.	5.29	4.57	149.	-1.30	49.
13 31 25	47.	-.137	3.	41.	441.	239.	48.	67.	8.27	7.39	63.	-2.01	41.
13 31 30	46.	-.186	3.	43.	488.	239.	41.	66.	8.59	7.85	61.	-1.83	42.
13 31 35	35.	-.235	3.	32.	510.	240.	37.	65.	7.75	5.41	52.	-2.99	42.
13 31 40	19.	-.450	3.	30.	491.	239.	39.	42.	5.00	4.27	52.	-3.50	48.
13 32 17	19.	-.137	2.	61.	449.	235.	56.	6.	2.58	2.42	59.	-3.60	50.
13 32 22	19.	-.156	2.	61.	413.	236.	60.	9.	2.67	2.46	67.	-3.24	55.
13 32 35	10.	-.215	3.	56.	371.	235.	53.	13.	2.64	2.50	75.	-2.23	59.
13 32 32	19.	-.205	2.	50.	373.	235.	58.	12.	2.64	2.41	76.	-2.33	59.
13 32 37	19.	-.293	3.	61.	355.	234.	63.	12.	2.64	2.44	77.	-2.42	59.
13 32 42	18.	-.235	2.	59.	360.	234.	62.	14.	2.64	2.57	77.	-2.00	59.
13 32 47	18.	-.215	2.	61.	360.	234.	61.	15.	2.66	2.72	78.	-1.25	59.
13 32 57	18.	-.106	3.	60.	364.	232.	60.	13.	2.65	2.66	79.	-1.99	58.
13 33 2	18.	-.469	2.	56.	337.	238.	63.	13.	2.89	2.33	76.	-1.45	59.
13 33 7	18.	-.401	2.	57.	352.	229.	61.	14.	2.82	2.44	79.	-2.14	59.
13 33 12	18.	-.352	3.	53.	335.	226.	60.	4.	2.82	2.56	79.	-2.25	58.
13 33 17	18.	-.274	2.	56.	334.	226.	59.	9.	2.78	2.57	79.	-2.00	58.
13 33 27	18.	-.352	2.	57.	332.	226.	58.	11.	2.80	2.62	81.	-1.82	58.
13 33 33	18.	-.371	3.	56.	333.	224.	58.	9.	2.85	2.58	81.	-2.33	58.
13 33 38	19.	-.371	2.	56.	332.	222.	55.	10.	2.99	2.66	82.	-1.90	58.
13 33 51	18.	-.274	3.	56.	320.	219.	56.	12.	2.83	2.54	82.	-2.29	58.
13 33 53	18.	-.352	2.	55.	322.	218.	55.	10.	2.93	2.49	80.	-1.50	57.
13 33 58	18.	-.196	2.	56.	340.	220.	53.	6.	2.82	2.74	82.	-2.21	57.
13 34 3	18.	-.203	2.	56.	335.	219.	54.	11.	2.90	2.65	82.	-1.92	57.
13 34 8	18.	-.371	3.	54.	329.	215.	54.	9.	2.97	2.48	80.	-1.80	56.
13 34 13	18.	-.293	2.	55.	329.	215.	54.	9.	2.93	2.64	80.	-1.64	56.
13 34 18	18.	-.293	2.	56.	332.	217.	52.	8.	2.97	2.58	82.	-2.32	56.
13 34 23	18.	-.293	2.	55.	333.	217.	53.	9.	2.99	2.60	81.	-3.44	56.
13 34 29	18.	-.293	3.	53.	309.	214.	55.	9.	2.87	2.65	80.	-3.65	56.
13 34 39	18.	-.274	2.	53.	320.	215.	54.	11.	2.86	2.50	81.	-1.41	56.
13 34 42	18.	-.176	3.	55.	324.	214.	56.	9.	2.87	2.48	76.	-2.13	58.
13 34 44	18.	-.264	2.	55.	339.	213.	54.	9.	2.90	2.55	78.	-2.70	58.
13 34 49	18.	-.196	2.	54.	327.	203.	54.	9.	2.89	2.82	76.	-2.99	56.
13 34 54	18.	-.136	2.	53.	321.	207.	53.	9.	2.89	2.82	76.	-2.54	54.
13 34 59	18.	-.352	3.	52.	326.	210.	48.	9.	2.93	2.50	78.	-2.89	55.
13 35 4	18.	-.371	2.	53.	334.	210.	49.	9.	3.00	2.61	79.	-4.07	54.
13 35 9	18.	-.409	3.	52.	319.	211.	50.	9.	2.95	2.46	77.	-4.13	54.
13 35 14	18.	-.409	3.	52.	319.	211.	50.	9.	2.95	2.46	77.	-3.13	55.

TIME W/H/S	EC 27 PRESS TOTAL DWNSTR SER AIR PRESS	EC 28 FLOPR DWNSTR OF SV REG PY270- PY274	EC 39 PRESS STATIC DWNSTR OF PRIMARY HX	EC 29 TEMP AIR UPSTRM OF WATER SEP	EC 44 TEMP AIR DWNSTR OF COMPR	EC 45 TEMP AIR INLET ECS TURBIN	EC 46 TEMP AIR OUTLET ECS TURBIN	EC 47 PRESS ECS TURBIN INLET	EC 48 PRESS STATIC ECS TURBIN OUTLET	EC 30 PRESS UPSTRM OF WATER SEP	EC 32 TEMP AIR MAIN CABIN SUPPLY FLTUOE	EC 33 PRESS MAIN CABIN AT FLOW TUBE	EC 35 TEMP AIR FWD EQUIP BAY VENTUR
13 34 59	10.	--293	3.	53.	314.	210.	52.	11.	2.91	2.56	77.	-3.31	55.
13 35 4	19.	--293	2.	54.	325.	215.	53.	10.	2.87	2.74	74.	-4.81	54.
13 35 9	18.	--303	2.	54.	319.	211.	53.	9.	2.90	2.66	74.	-4.81	52.
13 35 14	10.	--303	1.	53.	336.	206.	52.	12.	3.01	2.68	74.	-4.36	58.
13 35 19	10.	--371	2.	53.	326.	206.	58.	11.	2.98	2.44	74.	-4.31	53.
13 35 24	19.	--176	2.	52.	324.	208.	53.	13.	2.87	2.82	73.	-3.70	52.
13 35 29	18.	--196	2.	52.	328.	207.	54.	13.	2.89	2.68	74.	-3.89	53.
13 35 34	10.	--411	2.	50.	336.	205.	50.	11.	2.80	2.42	76.	-4.87	53.
13 35 39	10.	--274	1.	51.	335.	206.	52.	10.	2.84	2.62	75.	-5.38	53.
13 35 44	10.	--196	3.	50.	332.	204.	52.	10.	2.95	2.64	69.	-4.56	47.
13 51 26	17.	--235	3.	49.	333.	195.	51.	6.	2.95	2.67	63.	-6.96	48.
13 51 31	17.	--234	2.	50.	307.	187.	45.	1.	2.97	2.85	63.	-10.89	47.
13 51 36	17.	--411	2.	48.	307.	187.	44.	3.	2.94	2.84	62.	-9.49	48.
13 51 41	18.	--332	1.	48.	304.	189.	50.	3.	2.87	2.93	65.	-9.89	48.
13 51 46	17.	--333	2.	48.	301.	189.	48.	3.	2.85	2.92	64.	-9.33	48.
13 51 51	17.	--313	2.	48.	317.	187.	50.	4.	2.87	2.85	68.	-8.99	47.
13 51 56	17.	--274	2.	48.	318.	188.	47.	4.	2.94	2.77	62.	-9.29	48.
13 51 57	18.	--274	2.	49.	312.	191.	46.	6.	2.87	2.95	63.	-9.46	48.
13 52 2	18.	--166	2.	48.	313.	190.	45.	3.	2.96	2.83	62.	-9.45	48.
13 52 15	17.	--293	3.	47.	312.	178.	43.	-0.	2.93	2.72	63.	-9.35	48.
13 52 12	17.	--303	3.	48.	322.	186.	46.	-0.	2.96	2.69	62.	-9.51	48.
13 52 17	17.	--156	3.	50.	316.	188.	48.	4.	2.93	2.58	63.	-9.74	48.
13 52 22	17.	--166	3.	49.	322.	189.	47.	3.	2.95	2.53	63.	-9.51	45.
13 52 35	17.	--254	3.	46.	314.	189.	45.	3.	3.01	2.56	53.	-9.27	50.
13 52 32	17.	--254	2.	47.	318.	187.	48.	4.	3.88	2.59	57.	-9.37	49.
13 52 37	10.	--176	3.	47.	315.	189.	47.	2.	2.89	2.65	63.	-9.64	49.
13 52 42	10.	--244	2.	48.	312.	189.	47.	3.	2.94	2.79	63.	-9.49	46.
13 52 47	10.	--002	2.	49.	295.	187.	51.	-4.	2.82	2.85	61.	-10.75	48.
13 52 52	18.	--655	2.	49.	320.	187.	50.	0.	2.85	2.84	61.	-10.24	48.
13 52 57	17.	--176	2.	48.	319.	187.	49.	6.	2.97	2.73	61.	-9.12	48.
13 53 2	17.	--205	2.	48.	319.	187.	50.	-1.	2.89	2.66	65.	-9.58	49.
13 53 7	10.	--411	3.	45.	310.	181.	50.	1.	2.85	2.77	64.	-9.49	49.
13 57 20	16.	--225	1.	47.	318.	181.	50.	4.	2.85	2.85	64.	-9.40	52.
13 57 35	23.	--176	3.	48.	290.	185.	48.	4.	4.32	2.85	59.	-9.07	47.
13 57 40	36.	--020	2.	42.	306.	186.	40.	22.	8.54	3.95	61.	-8.68	40.
13 57 45	40.	--626	2.	31.	379.	192.	36.	52.	9.78	6.14	39.	-8.68	39.
13 57 50	47.	--743	2.	34.	429.	195.	40.	57.	15.80	7.83	35.	-8.84	38.
13 57 55	47.	--753	2.	37.	429.	213.	40.	112.	15.80	11.24	35.	-8.79	38.
13 58 0	48.	--704	2.	38.	459.	222.	47.	96.	13.36	9.75	35.	-8.79	37.
13 58 5	48.	--772	3.	40.	401.	236.	42.	72.	7.90	6.74	37.	-9.31	37.
13 58 10	47.	--919	3.	40.	400.	238.	40.	64.	7.20	6.10	37.	-9.80	40.
13 58 15	47.	--919	3.	42.	516.	244.	43.	51.	5.36	4.57	37.	-9.09	40.
13 58 20	47.	--919	3.	43.	510.	242.	43.	43.	5.12	4.23	38.	-9.67	40.
13 58 25	47.	--950	2.	44.	521.	240.	44.	52.	5.04	4.46	41.	-8.70	42.
13 58 30	47.	--1.212	2.	43.	534.	239.	43.	51.	5.13	4.38	39.	-8.53	40.
13 58 35	47.	--1.105	3.	42.	561.	239.	42.	55.	5.22	4.44	40.	-8.37	40.
13 58 40	48.	--021	3.	42.	564.	242.	42.	51.	5.19	4.40	37.	-8.73	41.
13 58 45	48.	--850	3.	42.	580.	243.	43.	53.	5.20	4.59	41.	-8.76	37.
13 58 50	48.	--850	3.	43.	583.	243.	43.	54.	5.30	4.58	41.	-8.52	43.

TIME H/M/S	EC 27 RESS TOTAL SER	EC 28 FLOMR OWNSTR SV REG PY270- PY274	EC 39 PRESS STATIC OWNSTR OF PRIMARY HX	EC 29 TEMP AIR UPSTRM OF WATER SEP	EC 44 TEMP OWNSTR OF COMFR	EC 45 TEMP AIR INLET ECS TURBIN	EC 46 TEMP AIR OUTLET ECS TURBIN	EC 47 PRESS ECS TURBIN INLET	EC 48 PRESS STATIC ECS TURBIN OUTLET	EC 30 PRESS UPSTRM OF WATER SEP	EC 32 TEMP AIR MAIN CABIN SUPPLY FLTUDE	EC 33 PRESS MAIN CABIN AT FLOW TUBE	EC 35 TEMP AIR FWD EQUIP BAY VENTUR
13 58 46	48.	.002	4.	44.	601.	243.	47.	53.	5.28	4.46	42.	-8.25	42.
13 58 51	49.	.909	3.	44.	613.	244.	43.	52.	5.35	4.56	41.	-8.44	41.
13 58 56	16.	.176	3.	61.	582.	245.	61.	-0.	2.03	1.60	47.	-8.68	50.
13 59 1	17.	.138	4.	63.	561.	243.	65.	5.	2.21	1.80	46.	-8.68	53.
13 59 6	17.	.196	3.	68.	511.	241.	76.	5.	2.23	2.13	47.	-8.62	58.
13 59 11	17.	.127	3.	69.	505.	242.	75.	6.	2.31	2.09	47.	-8.48	68.
13 59 16	17.	.020	3.	66.	473.	242.	73.	5.	2.35	2.01	50.	-8.68	61.
13 59 21	17.	0.000	3.	67.	464.	241.	72.	6.	2.31	2.05	50.	-8.53	61.
14 6 3	17.	.039	3.	67.	453.	242.	71.	5.	2.35	2.07	52.	-8.97	53.
14 6 8	20.	.078	1.	57.	425.	227.	61.	12.	2.74	2.60	54.	-9.22	52.
14 6 13	23.	.215	0.	54.	413.	222.	56.	14.	3.05	2.48	61.	-9.52	53.
14 6 18	23.	.264	0.	56.	428.	225.	58.	13.	3.16	2.71	61.	-9.64	54.
14 6 23	23.	.196	0.	60.	448.	234.	61.	12.	2.99	2.91	63.	-10.85	56.
14 6 28	24.	.098	-0.	59.	446.	237.	58.	14.	3.05	2.85	62.	-9.93	57.
14 6 33	24.	.215	0.	63.	459.	244.	63.	11.	3.07	2.87	61.	-9.66	53.
14 6 38	25.	.020	0.	62.	470.	244.	61.	10.	3.12	2.86	63.	-9.77	56.
14 6 43	25.	.450	-0.	63.	468.	246.	64.	16.	3.09	2.89	65.	-10.83	68.
14 6 48	25.	.411	-0.	64.	477.	246.	65.	16.	3.18	2.83	65.	-10.99	68.
14 13 14	16.	.371	2.	54.	383.	182.	48.	1.	2.33	2.15	84.	-10.94	57.
14 13 19	16.	.313	2.	53.	305.	181.	40.	-2.	2.41	2.14	84.	-11.85	55.
14 53 24	17.	.313	2.	51.	312.	182.	52.	-2.	2.25	2.31	86.	-11.85	55.
14 13 29	17.	.313	3.	50.	309.	182.	49.	-3.	2.30	2.25	85.	-10.48	54.
14 13 34	17.	.254	2.	50.	318.	194.	42.	0.	2.33	2.40	86.	-10.52	53.
14 13 39	17.	.196	2.	50.	307.	182.	47.	-2.	2.32	2.34	85.	-10.69	53.
14 0 0	17.	.371	2.	51.	321.	185.	52.	-6.	2.39	2.27	86.	-10.97	53.
45 85 05	17.	.342	2.	51.	327.	186.	52.	-5.	2.48	2.21	86.	-11.18	53.
45 85 05	18.	.352	2.	51.	325.	182.	42.	-2.	2.35	2.31	85.	-10.81	53.
14 16 8	18.	.303	2.	50.	322.	184.	45.	-4.	2.35	2.31	79.	-11.05	53.
14 16 5	4.	.254	3.	59.	303.	197.	71.	-31.	.70	.78	88.	-11.24	55.
14 16 10	2.	.283	2.	71.	283.	185.	89.	-33.	.60	.54	87.	-11.34	57.
14 16 15	-1.	.274	-0.	85.	240.	190.	117.	-45.	.31	.20	86.	-11.46	62.
14 16 21	-1.	.264	-1.	81.	259.	189.	111.	-42.	.26	.29	85.	-11.22	62.
14 16 26	-1.	.391	-0.	81.	279.	189.	99.	-42.	.35	.29	87.	-11.53	61.
14 16 31	-1.	.352	-0.	74.	289.	186.	94.	-41.	.38	.33	83.	-11.45	59.
14 16 36	-1.	.352	0.	71.	290.	188.	91.	-43.	.43	.29	86.	-11.40	59.
45 85 05	-1.	.313	-0.	70.	289.	189.	91.	-40.	.47	.39	86.	-11.31	59.
45 85 05	-0.	.391	-1.	69.	280.	183.	87.	-42.	.29	.43	84.	-11.28	56.
14 18 21	-1.	.352	-0.	74.	278.	182.	87.	-42.	.33	.34	87.	-11.14	60.
14 18 27	-0.	.215	-0.	80.	250.	182.	87.	-45.	.22	.41	74.	-11.57	65.
14 18 32	-1.	.264	-0.	77.	244.	182.	87.	-44.	.32	.24	82.	-11.58	65.
14 18 37	-0.	.274	-0.	79.	249.	182.	88.	-42.	.29	.23	90.	-11.24	65.
14 18 42	-0.	.254	0.	78.	246.	181.	88.	-44.	.29	.23	89.	-11.16	66.
14 18 55	-1.	.352	0.	79.	242.	182.	88.	-43.	.31	.25	90.	-11.28	67.
14 18 52	-1.	.332	0.	80.	249.	182.	89.	-47.	.34	.30	89.	-11.13	67.
14 19 57	-1.	0.000	0.	80.	233.	182.	84.	-52.	.35	.41	88.	-11.44	66.
14 19 2	-1.	.176	-0.	77.	251.	181.	87.	-50.	.38	.34	88.	-11.52	66.
14 19 7	-1.	.352	-0.	81.	279.	191.	90.	-48.	.33	.37	92.	-11.73	67.
0 1 12	-1.	.332	-0.	79.	268.	181.	90.	-49.	.31	.37	91.	-11.73	67.

C COMMUTATOR

TIME H/M/S	EC 49 TEMP AIR OWNSTR OF HOT AIR SENSOR	EC 50 PRESS STATIC DWNSTR HOT AIR SENSOR	EC 36 PRESS STATIC FWD EQUIP SAVATV ENTUR	EC 38 TEMP AIR OWNSTR OF PRI HX	EC 54 PRESS REF COARSE	EC 63 PRESS STATIC SVC AR HX RAM INLET HEADER	EC 64 PRESS STATIC SERVICE AIR HX	EC 40 TEMP AIR RAM INLET 2/H PRI HX	EC 99 TEMP AMB FIN TIP COMPT	EC 100 TEMP AMB FIN TIP COMPT	EC 101 TEMP AMB FIN TIP COMPT	EC 52 TEMP SOUTLE TRAIN LNOZZL E	EC 53 PRESS RAIN REMOVL NOZZLE OUTLET L/H
12 55 53	105.	0.	-16	125.	29.02	.03	.3	106.	152.41	150.5	202.8	115.	-2.
12 55 58	105.	0.	-32	99.	29.41	.01	.3	94.	151.76	150.8	202.2	114.	-1.
12 56 3	103.	-0.	-25	101.	29.26	-.01	.2	93.	152.41	150.5	206.8	116.	-1.
12 56 8	104.	-0.	-24	103.	29.29	-.01	.1	94.	152.74	149.8	204.7	116.	-1.
12 56 13	105.	-0.	-33	75.	29.32	-.00	.2	90.	151.76	149.8	204.7	115.	-1.
12 56 18	105.	0.	-28	86.	29.47	.01	.3	97.	152.09	150.1	204.7	114.	-1.
12 56 28	105.	0.	-33	105.	29.32	.01	.2	103.	152.41	149.8	203.5	114.	-2.
12 56 33	105.	0.	-38	93.	29.44	.01	.1	103.	152.41	150.5	203.5	114.	-2.
12 56 38	107.	0.	-35	95.	29.14	.03	.3	89.	152.41	149.8	203.5	114.	-2.
12 56 43	105.	0.	-38	95.	29.23	.03	.2	91.	152.41	149.8	203.5	114.	-1.
12 56 51	105.	0.	-43	103.	29.14	.01	.2	90.	151.76	150.5	198.4	114.	-1.
12 56 48	105.	0.	-40	104.	29.17	.01	.2	93.	151.76	150.8	203.1	114.	-1.
12 56 53	104.	0.	-20	97.	29.50	.04	.2	95.	151.76	149.2	204.7	114.	-2.
12 56 58	104.	0.	-25	95.	29.38	.04	.2	99.	151.38	149.5	205.4	113.	-2.
12 57 3	104.	1.	-27	98.	29.08	.01	.2	90.	152.41	150.5	206.8	114.	-1.
12 57 8	104.	0.	-29	89.	29.11	.01	.3	90.	152.41	150.8	207.9	114.	-1.
13 22 20	106.	1.	-08	106.	29.32	-.01	.2	82.	154.35	153.1	207.9	121.	-2.
13 22 25	104.	0.	-08	98.	29.35	.01	.2	88.	153.38	153.4	203.5	113.	-1.
13 22 38	106.	0.	-33	85.	29.82	.01	.1	98.	155.65	153.1	207.3	105.	-0.
13 22 35	106.	0.	-22	84.	29.17	.02	.1	98.	154.68	152.7	207.3	105.	-1.
13 22 40	103.	-0.	-18	91.	29.50	.04	.3	101.	151.12	153.7	208.3	118.	-1.
13 22 45	113.	14.	-13	87.	29.56	.04	.3	100.	155.80	153.7	202.2	113.	-1.
13 22 50	121.	16.	0.00	107.	29.14	-.02	.3	91.	153.71	152.4	208.3	122.	-2.
13 23 0	122.	16.	0.00	105.	29.17	.03	.2	97.	155.65	153.4	208.9	115.	-1.
13 23 5	168.	17.	.04	121.	29.14	.09	.2	94.	156.29	151.5	204.7	105.	-1.
13 23 5	181.	17.	.01	124.	29.17	.09	.3	95.	157.59	157.6	207.8	105.	-1.
13 23 18	218.	17.	8.80	198.	29.50	.09	.2	114.	162.12	168.8	206.6	106.	-1.
13 24 43	237.	24.	.11	139.	29.29	.18	.4	118.	171.82	212.8	207.6	108.	-1.
13 24 48	274.	37.	.88	187.	29.50	.12	.2	116.	180.24	239.8	202.2	112.	-1.
13 24 61	280.	38.	.91	202.	29.58	.11	.2	114.	184.12	244.9	207.8	111.	-1.
13 25 3	311.	40.	1.17	235.	29.14	.05	.4	98.	197.71	268.8	201.5	110.	-2.
13 25 8	348.	41.	1.32	244.	29.44	.09	.4	107.	197.86	266.4	204.7	111.	-1.
13 25 13	342.	42.	1.15	259.	29.82	.15	.2	119.	199.64	283.9	206.6	112.	-1.
13 25 23	347.	42.	1.17	276.	29.56	.11	.3	109.	201.23	288.2	204.7	111.	-1.
13 25 23	349.	43.	.97	302.	29.47	.09	.2	117.	206.65	300.7	202.2	108.	-1.
13 25 24	341.	42.	.61	295.	29.32	.13	.3	110.	207.92	303.1	204.4	110.	-1.
13 25 33	339.	43.	.51	301.	29.35	.11	.3	109.	209.83	308.7	202.8	113.	-1.
13 25 43	326.	42.	.59	289.	29.56	.16	.2	116.	210.79	310.8	203.5	112.	-1.
13 25 48	323.	42.	.49	283.	29.56	.14	.2	111.	211.11	313.1	202.8	111.	-0.
13 25 53	317.	42.	.49	275.	29.56	.14	.3	116.	212.38	312.8	206.8	118.	-1.
13 25 58	318.	42.	.46	279.	29.53	.12	.3	117.	213.66	314.3	206.8	105.	-1.
13 25 58	314.	42.	.37	301.	29.14	.10	.3	105.	216.84	315.0	207.8	187.	-1.
13 26 3	315.	42.	.37	309.	29.38	.07	.1	102.	216.52	315.8	204.1	118.	-1.
13 26 4	317.	43.	.20	307.	29.32	.09	.5	98.	218.12	316.2	209.2	109.	-2.

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TIME H/M/S	EC 49 TEMP AIR DUNSTR OF HOT AIR SENSOR	EC 50 PRESS STATIC DUNSTR HOT AIR SENSOR	EC 36 PRESS STATIC FMO EQUIP RAYATV ENTUR	EC 36 TEMP AIR DUNSTR OF PRI HX	EC 54 PRESS REF COARSE	EC 63 PRESS STATIC SUC AR HX RAM INLET HEADER	EC 64 PRESS STATIC SERVICE AIR HX	EC 40 TEMP BIR RAM INLET P/H HX	EC 99 TEMP AMB FIN TIP COMPT	EC 100 TEMP AMB FIN TIP COMPT	EC 101 TEMP AMB FIN TIP COMPT	EC 52 TEMP SOUTLE TRAIN LNDOZZL E	EC 53 PRESS RAIN REMOVL FIN NOZZLE OUTLET L/M
13 26 13	317.	42.	.29	299.	29.00	.10	.5	104.	210.12	315.3	206.6	100.	-1.
13 26 18	323.	41.	.04	301.	29.56	.11	.3	112.	216.84	319.3	204.7	100.	-1.
13 26 23	316.	41.	.72	301.	29.44	.14	.2	120.	217.80	321.8	205.4	100.	-1.
13 26 29	316.	41.	.96	332.	29.00	.11	.4	102.	221.30	321.8	200.9	114.	-1.
13 26 34	318.	41.	.80	319.	29.20	.12	.4	112.	221.94	322.7	204.1	109.	-2.
13 26 39	321.	42.	.67	322.	29.50	.12	.3	121.	221.30	324.3	203.5	102.	-1.
13 26 44	324.	35.	1.04	317.	29.32	.11	.1	113.	222.26	324.6	203.1	100.	-1.
13 26 49	324.	36.	.94	312.	29.26	.12	.2	119.	222.50	324.3	200.9	114.	-1.
13 26 54	366.	37.	.76	315.	29.62	.09	.1	114.	223.22	324.6	201.9	109.	-2.
13 26 59	357.	39.	.75	316.	29.44	.10	.3	111.	220.83	324.3	204.1	111.	-2.
13 27 4	354.	38.	.60	316.	29.14	.10	.2	106.	220.35	323.7	206.3	107.	-2.
13 27 9	348.	39.	.60	295.	29.23	.09	.2	99.	220.83	320.5	202.2	113.	-1.
13 27 14	352.	44.	.35	278.	29.38	.09	.2	108.	219.39	328.2	205.4	115.	-2.
13 27 19	352.	34.	.31	287.	29.26	.11	.3	119.	218.75	319.7	207.3	104.	-2.
13 27 24	351.	33.	.31	289.	29.44	.09	.4	93.	216.84	322.4	204.1	110.	-2.
13 27 29	347.	35.	.30	301.	29.62	.10	.4	90.	218.12	322.1	205.1	100.	-1.
13 27 34	347.	34.	.31	285.	28.12	.16	.2	119.	220.67	323.7	206.6	106.	-1.
13 27 39	350.	34.	.37	287.	28.48	.15	.2	113.	220.99	326.1	207.6	103.	-1.
13 27 44	347.	34.	.39	296.	29.26	.14	.3	123.	218.75	323.7	202.8	99.	-2.
13 27 49	347.	34.	.35	298.	29.32	.11	.3	111.	219.17	323.7	202.5	105.	-1.
13 27 54	343.	34.	.29	309.	29.26	.13	.5	106.	221.94	323.0	200.6	110.	-1.
13 27 59	349.	33.	.26	310.	29.23	.13	.5	105.	221.62	323.0	200.9	100.	-1.
13 28 4	346.	35.	.22	303.	29.56	.09	.5	106.	222.50	323.0	200.3	112.	-2.
13 28 9	346.	35.	.25	297.	29.67	.11	.4	113.	222.50	323.3	200.0	100.	-2.
13 28 19	346.	35.	.31	300.	29.50	.14	.2	123.	222.50	324.3	204.7	106.	-2.
13 28 24	347.	35.	.33	303.	29.53	.12	.2	120.	221.94	324.0	204.1	110.	-1.
13 28 29	351.	35.	.41	294.	29.14	.12	.2	116.	223.85	324.3	209.8	101.	-2.
13 28 34	350.	35.	.35	296.	29.26	.11	.2	108.	223.53	324.3	200.9	90.	-2.
13 28 39	347.	34.	.10	297.	29.74	.10	.4	114.	220.31	323.7	203.5	100.	-1.
13 28 44	364.	30.	.42	270.	29.30	.12	.4	110.	226.72	322.4	205.4	96.	-2.
13 28 49	403.	27.	.61	279.	29.14	.11	.2	116.	221.94	322.4	206.0	99.	-2.
13 28 54	349.	26.	.43	209.	29.00	.11	.2	119.	220.67	321.8	202.2	99.	-2.
13 28 59	350.	24.	.51	291.	29.50	.07	.3	111.	219.71	321.8	206.3	105.	-1.
13 29 5	375.	25.	.37	281.	29.35	.07	.4	114.	220.03	322.1	206.6	103.	-2.
13 29 15	369.	31.	.16	294.	29.02	.15	.2	106.	220.67	322.4	206.0	101.	-2.
13 29 20	368.	31.	.34	281.	29.23	.13	.3	117.	220.99	321.2	207.9	90.	-2.
13 29 25	363.	31.	.27	273.	29.20	.11	.2	123.	220.67	316.2	191.2	100.	-2.
13 29 30	362.	31.	.24	273.	29.14	.13	.3	121.	219.71	314.6	190.6	104.	-2.
13 29 35	366.	31.	.31	285.	29.56	.13	.4	110.	219.39	311.8	203.5	104.	-1.
13 29 40	364.	31.	.33	284.	29.59	.11	.5	102.	216.52	311.5	204.4	107.	-1.
13 29 45	360.	31.	.12	276.	29.60	.07	.6	106.	218.75	311.2	205.4	103.	-2.
13 29 50	361.	31.	.21	270.	29.29	.09	.5	111.	219.39	312.5	200.9	101.	-1.
13 29 55	360.	30.	.25	279.	29.08	.15	.4	107.	219.07	312.5	200.6	103.	-1.
13 30 0	361.	31.	.23	283.	29.35	.13	.6	106.	224.49	312.5	207.3	95.	-1.
13 30 5	362.	31.	.27	270.	29.14	.15	.3	119.	221.94	313.1	206.6	101.	-1.
13 30 10	353.	31.	.25	277.	29.32	.15	.5	110.	221.94	313.1	206.6	101.	-1.

TIME
M/M/S

06

TIME M/M/S	EC 49 TEMP AIR DMNSTR OF HOT AR SENSOR	EC 50 PRESS STATIC DMNSTR HOT AIR SENSOR	EC 36 PRESS STATIC FMD EQUIP BAYATV ENTUR	EC 30 TEMP AIR DMNSTR OF PRI MX	EC 54 PRESS REF COARSE	EC 63 PRESS STATIC SVC AR HX RAM INLET HEADER	EC 64 PRESS STATIC SERVICE AIR HX	EC 40 TEMP AIR INLET R/H PRI HX	EC 99 TEMP AMB FIN TIP COMPT	EC 100 TEMP AMB FIN TIP COMPT	EC 101 TEMP AMB FIN TIP COMPT	EC 52 TEMP SOUTLE TRAIN REMOV LNOZZL E	EC 53 PRESS RAIN REMOVL NOZZLE OUTLET L/H
13 30 20	361.	31.	.23	294.	29.80	.07	.5	108.	220.03	312.5	206.0	104.	-1.
13 30 25	361.	31.	.26	278.	29.50	.11	.5	109.	219.39	313.1	206.6	102.	-1.
13 30 30	357.	32.	.22	266.	29.16	.13	.2	115.	218.12	313.1	204.7	111.	-2.
13 30 35	358.	31.	.26	272.	29.20	.12	.3	109.	218.75	313.4	204.1	113.	-1.
13 30 40	362.	31.	.23	278.	29.14	.12	.2	73.	219.39	314.3	207.9	105.	-1.
13 30 45	366.	27.	.26	269.	29.08	.10	.1	97.	218.75	314.0	205.4	110.	-1.
13 30 50	391.	25.	.31	256.	29.14	.12	.1	123.	216.84	312.5	199.8	108.	-2.
13 31 0	398.	24.	.39	261.	29.05	.10	.2	119.	216.21	311.8	202.3	112.	-2.
13 31 5	404.	21.	.43	283.	29.32	.09	.4	105.	216.84	311.2	209.8	99.	-1.
13 31 10	383.	21.	.36	280.	29.35	.10	.4	108.	216.21	310.3	206.6	99.	-1.
13 31 15	388.	21.	.61	253.	29.92	.12	.2	116.	218.75	311.8	207.9	110.	-2.
13 31 15	385.	32.	.62	269.	29.17	.10	.3	113.	217.16	314.3	209.5	112.	-2.
13 31 20	372.	42.	3.95	299.	28.12	.15	.5	114.	228.67	316.2	209.8	95.	-1.
13 31 25	368.	39.	4.28	311.	28.60	.11	.5	109.	221.94	312.8	203.4	105.	-1.
13 31 30	371.	43.	1.21	316.	29.14	.16	.4	117.	226.48	328.5	202.8	107.	-1.
13 31 35	369.	35.	.73	309.	29.11	.13	.3	119.	226.48	328.5	208.9	105.	-2.
13 31 40	369.	19.	.18	318.	29.56	.12	.5	97.	225.13	319.9	208.9	97.	-1.
13 32 17	359.	19.	.04	265.	29.74	.13	.5	103.	214.61	295.1	208.6	100.	-1.
13 32 22	339.	19.	.04	289.	29.14	.11	.4	108.	202.91	266.5	198.8	95.	-0.
13 32 35	342.	19.	.03	286.	29.32	.13	.4	112.	201.23	263.6	208.9	105.	-1.
13 32 32	343.	19.	.16	282.	29.58	.08	.4	114.	198.08	255.7	206.6	116.	-0.
13 32 37	341.	19.	.18	203.	29.53	.09	.5	118.	193.64	255.1	205.7	100.	-1.
13 32 42	337.	19.	.18	204.	29.36	.10	.4	111.	199.00	257.6	187.4	100.	-1.
13 32 47	336.	19.	.04	201.	29.47	.09	.4	107.	197.30	254.8	195.4	111.	-1.
13 32 57	334.	19.	.14	181.	29.14	.15	.2	115.	193.80	258.8	207.9	97.	-2.
13 33 2	334.	20.	.04	184.	29.35	.13	.3	112.	197.38	249.0	207.0	106.	-1.
13 33 2	334.	19.	.18	208.	28.84	.15	.3	125.	196.41	248.1	207.9	95.	-1.
13 33 7	332.	19.	.09	193.	29.05	.11	.3	123.	195.76	247.4	199.3	105.	-1.
13 33 12	330.	19.	0.00	187.	29.02	.07	.2	120.	196.41	244.2	205.4	100.	-2.
13 33 17	329.	20.	.02	183.	29.05	.09	.2	126.	195.44	243.9	205.4	99.	-2.
13 33 27	325.	20.	.18	186.	29.14	.08	.2	127.	194.47	243.0	211.1	110.	-1.
13 33 33	325.	20.	.03	180.	29.11	.12	.3	120.	195.12	242.7	207.8	105.	-1.
13 33 38	322.	20.	.13	173.	29.20	.11	.1	117.	193.82	242.3	197.1	111.	-1.
13 33 51	323.	20.	.07	172.	29.17	.13	.2	127.	192.21	242.8	208.9	187.	-2.
13 73 48	319.	19.	.02	169.	29.08	.11	.6	102.	193.82	241.1	201.5	97.	-1.
13 33 53	318.	19.	.05	178.	29.20	.11	.4	112.	193.18	240.7	203.5	102.	-1.
13 33 58	316.	20.	.12	177.	29.14	.11	.1	124.	192.53	239.1	198.4	103.	-1.
13 34 3	316.	19.	.06	167.	29.20	.08	.2	119.	191.88	239.8	201.2	108.	-1.
13 34 8	312.	20.	.25	158.	29.56	.11	.4	117.	193.18	237.2	207.9	106.	-1.
13 34 13	314.	19.	.34	180.	29.53	.11	.3	113.	192.21	238.5	207.9	114.	-1.
13 34 18	313.	19.	.01	183.	29.23	.08	.4	121.	190.59	240.1	206.0	109.	-1.
13 34 23	311.	20.	.00	176.	29.14	.09	.4	123.	192.53	238.5	208.9	113.	-1.
13 34 29	310.	20.	.81	181.	29.38	.11	.4	113.	195.12	238.8	203.1	95.	-1.
13 34 42	310.	19.	0.00	213.	29.02	.09	.3	120.	191.88	234.0	204.7	181.	-1.
13 34 39	309.	19.	.01	197.	28.96	.08	.3	125.	191.56	235.6	202.2	97.	-1.
13 34 44	309.	20.	.06	178.	29.50	.14	.3	115.	198.59	238.5	206.0	102.	-1.
13 34 49	307.	20.	.03	186.	29.53	.15	.4	116.	191.24	237.9	205.1	105.	-2.
13 34 54	305.	20.	.06	167.	29.20	.10	.2	117.	191.24	237.2	206.6	108.	-2.

TIME M/M/S	EC 49 TEMP AIR DWNSTR OF HOT AR SENSOR	EC 50 PRESS STATIC DWNSTR HOT AIR SENSOR	EC 36 PRESS STATIC FWD EQUIP BAYATV ENTUR	EC 38 TEMP AIR DWNSTR OF PRI MX	EC 54 PRESS REF COARSE	EC 63 PRESS STATIC SVC AR HX RAN INLET HEADER	EC 64 PRESS STATIC SERVICE AIR MX	EC 40 TEMP AIR RAM INLET R/H PRI MX	EC 99 TEMP AMB FIN TIP COMPT	EC 100 TEMP AMB FIN TIP COMPT	EC 101 TEMP AMB FIN TIP COMPT	EC 52 TEMP SOUTLE TRAIN REMOV NOZZLE E	EC 53 PRESS RAIN REMOVL NOZZLE OUTLET L/M
13 34 59	306.	19.	-09.	169.	29.85	.18	.2	125.	192.21	237.2	204.7	101.	-1.
13 35 4	306.	19.	-04.	187.	29.28	.09	.2	116.	191.24	238.5	202.0	97.	-1.
13 35 9	305.	19.	-10.	181.	29.17	.11	.1	123.	198.91	238.8	201.5	100.	-1.
13 35 14	302.	20.	-08.	196.	29.74	.10	.4	105.	189.29	237.2	200.9	111.	-2.
13 35 19	302.	20.	-01.	180.	29.56	.12	.3	114.	189.29	237.2	191.9	113.	-2.
13 35 24	302.	19.	-23.	171.	29.83	.12	.3	120.	191.24	237.9	200.3	95.	-1.
13 35 29	303.	19.	-11.	177.	29.32	.13	.3	116.	189.62	237.9	203.1	94.	-1.
13 35 34	303.	19.	-14.	183.	29.08	.11	.3	103.	189.94	237.2	207.3	114.	-1.
13 35 39	300.	19.	-07.	189.	29.56	.09	.3	110.	190.59	236.9	207.9	187.	-1.
13 35 44	297.	20.	-18.	167.	29.26	.12	.2	129.	190.59	237.2	204.1	112.	-2.
13 55 44	298.	20.	-00.	174.	29.05	.13	.3	117.	188.32	236.6	206.6	106.	-1.
13 51 26	298.	19.	-09.	171.	29.14	.09	.4	116.	184.12	236.6	205.4	112.	-1.
13 51 31	298.	19.	-09.	160.	29.56	.11	.3	105.	184.76	234.7	199.3	108.	-1.
13 51 36	261.	19.	0.00	161.	29.47	.09	.3	121.	186.06	231.8	207.6	95.	-0.
13 51 41	268.	19.	-02.	173.	29.26	.15	.1	116.	184.76	233.4	199.6	100.	-1.
13 51 46	262.	19.	-08.	177.	29.20	.12	.3	116.	185.74	231.2	202.8	182.	-1.
13 51 51	260.	19.	-03.	169.	29.02	.05	.3	117.	185.41	231.5	198.4	100.	-1.
13 51 57	249.	19.	0.00	179.	29.02	.08	.4	116.	185.41	231.5	195.1	104.	-1.
13 52 2	253.	19.	0.00	173.	29.02	.12	.2	108.	177.65	237.2	198.4	104.	-1.
13 52 15	257.	19.	-04.	177.	29.26	.11	.3	106.	179.26	234.0	202.5	100.	-1.
13 52 12	259.	19.	-04.	173.	29.26	.13	.2	106.	187.35	232.1	198.4	87.	-2.
13 52 17	260.	19.	0.00	173.	28.98	.13	.2	105.	185.09	231.8	200.3	92.	-2.
13 52 22	259.	19.	-04.	174.	28.96	.13	.2	107.	186.06	232.1	199.0	106.	-2.
13 52 35	258.	19.	0.00	181.	29.14	.12	.5	107.	186.06	232.1	201.2	102.	-2.
13 52 32	260.	19.	0.00	180.	29.08	.11	.2	105.	185.41	231.5	204.7	101.	-2.
13 52 37	250.	19.	0.00	164.	29.38	.13	.4	105.	185.41	231.5	204.7	96.	-2.
13 52 42	260.	19.	-02.	173.	29.35	.13	.6	113.	186.38	231.5	204.1	97.	-1.
13 52 47	261.	19.	0.00	158.	29.56	.11	.2	115.	186.06	231.1	202.0	96.	-1.
13 52 52	260.	19.	-05.	160.	29.59	.11	.3	117.	186.71	231.8	201.5	93.	-2.
13 52 57	263.	19.	-04.	191.	29.02	.12	.5	114.	187.35	228.5	204.7	94.	-2.
13 53 7	261.	19.	-08.	188.	29.08	.14	.1	119.	182.82	231.4	206.0	103.	-1.
13 53 20	260.	19.	-04.	167.	29.50	.13	.1	117.	189.94	231.2	205.7	102.	-1.
13 53 30	252.	16.	-08.	165.	29.56	.12	.4	129.	199.80	232.1	206.6	99.	-1.
13 53 35	252.	26.	-29.	169.	29.65	.12	.3	123.	199.64	231.8	205.7	105.	-1.
13 53 40	274.	39.	1.09	217.	29.14	.13	.3	107.	207.28	244.9	206.6	106.	-1.
13 53 45	287.	40.	2.17	260.	29.02	.12	.3	114.	212.86	247.4	206.6	105.	-2.
13 53 50	322.	43.	1.80	288.	29.20	.11	.4	112.	226.40	264.6	193.8	96.	-2.
13 53 55	329.	43.	1.29	310.	29.08	.10	.5	120.	231.58	274.9	199.6	98.	-2.
13 54 0	337.	44.	1.03	314.	29.50	.11	.4	112.	251.25	305.0	204.1	96.	-1.
13 54 5	331.	44.	.51	329.	29.56	.11	.3	124.	256.99	313.4	202.5	103.	-1.
13 54 10	333.	43.	.47	352.	29.50	.14	.0	117.	260.78	339.3	199.0	105.	-1.
13 54 15	332.	40.	.65	356.	29.32	.15	.2	113.	282.95	346.5	202.5	108.	-1.
13 54 20	335.	43.	.47	368.	29.35	.12	.4	117.	292.58	370.8	202.8	108.	-1.
13 54 25	329.	43.	.55	403.	29.74	.17	.2	115.	298.80	374.7	204.7	104.	-1.
13 54 31	334.	36.	.74	406.	29.77	.15	.1	124.	309.36	400.8	198.4	101.	-1.
13 54 36	340.	36.	.67	440.	29.26	.10	.6	124.	317.13	406.7	199.6	106.	-1.
13 54 41	340.	36.	.67	445.	29.38	.13	.4	125.	334.27	422.1	199.6	106.	-1.
									338.04	428.7	202.2	103.	-1.

TIME H/M/S	EC 49 TEMP AIR CHNSTR OF HOT AIR SENSOR	EC 50 PRESS STATIC CHNSTR HOT AIR SENSOR	EC 36 PRESS STATIC FWD EQUIP BAY/ATV ENTUR	EC 38 TEMP AIR OWNSTR OF PRI MX	EC 54 PRESS REF COARSE	EC 63 PRESS STATIC SVC AR HK RAM INLET HEADER.	EC 64 PRESS STATIC SERVICE AIR MX	EC 40 TEMP AIR FAM INLET F/H PRI MX	EC 99 TEMP AMB FIN TIP COMPT	EC 100 TEMP AMB FIN TIP COMPT	EC 101 TEMP AMB FIN TIP COMPT	EC 52 TEMP SOUTLE TRAIN RENOV LNOZZL E	EC 53 PRESS RAIN REMOVL NOZZLE OUTLET L/H
13 50 46	349.	35.	.49	474.	29.32	.19	.2	117.	348.71	437.2	199.8	90.	-2.
13 50 51	345.	36.	.50	468.	29.44	.16	.2	123.	350.59	440.3	203.8	99.	-2.
13 50 56	325.	16.	-.31	453.	28.90	.21	.5	103.	352.47	446.1	206.6	106.	-1.
13 59 1	338.	17.	-.22	437.	28.51	.19	.4	105.	345.57	448.3	206.6	105.	-2.
13 59 6	329.	17.	-.08	388.	29.38	.15	.1	119.	323.65	424.6	203.5	110.	-1.
13 59 11	333.	17.	-.05	356.	29.17	.15	.3	112.	318.06	417.4	202.5	103.	-2.
13 59 16	336.	20.	-.08	319.	29.14	.15	.4	103.	301.28	394.5	207.3	107.	-1.
13 59 21	335.	20.	-.13	306.	29.17	.15	.2	108.	296.80	386.0	205.1	109.	-1.
14 6 3	338.	20.	-.04	279.	29.82	.12	.4	111.	284.58	361.3	207.3	106.	-1.
14 6 8	305.	22.	-.02	273.	29.29	.06	.2	118.	235.28	283.3	206.0	107.	-1.
14 6 13	274.	24.	0.00	264.	29.44	.05	0.0	133.	186.71	205.4	205.1	104.	-1.
14 6 18	274.	24.	-.24	285.	29.52	.05	0.0	129.	182.18	204.4	205.1	103.	-1.
14 6 23	270.	23.	-.08	295.	29.38	.01	.1	137.	185.11	200.3	210.5	106.	-3.
14 6 28	269.	24.	-.08	301.	29.32	.00	.2	137.	184.12	198.7	205.1	105.	-2.
14 6 33	276.	24.	-.02	310.	29.38	.04	.1	130.	184.76	195.8	204.1	94.	-1.
14 6 38	275.	24.	-.03	316.	29.44	.05	0.0	135.	182.50	195.4	203.8	97.	-1.
14 6 43	270.	24.	-.08	312.	29.20	.00	.3	138.	184.12	194.5	204.1	92.	-1.
14 6 48	279.	24.	.10	322.	29.17	0.00	.4	134.	184.12	194.5	203.8	92.	-2.
14 13 14	266.	18.	0.00	154.	29.38	.14	.2	111.	182.18	223.2	207.9	100.	-2.
14 13 19	268.	18.	-.02	156.	29.50	.12	.2	114.	182.82	221.8	206.1	100.	-2.
14 13 24	273.	18.	-.08	173.	29.14	.11	.5	109.	183.47	227.7	206.7	84.	-2.
14 13 29	270.	18.	-.04	160.	29.11	.10	.3	127.	184.76	229.6	202.8	94.	-1.
14 13 34	278.	18.	0.00	180.	29.14	.06	.4	117.	185.41	234.7	199.6	104.	-1.
14 13 39	272.	18.	-.01	172.	29.88	.11	.3	120.	186.38	236.3	203.5	97.	-1.
14 13 44	276.	18.	-.08	186.	29.88	.13	.4	116.	188.65	242.4	210.5	91.	-2.
14 13 49	275.	18.	0.00	187.	29.41	.13	.4	115.	188.97	242.0	209.5	89.	-2.
14 16 8	275.	18.	-.04	199.	29.08	.09	.5	120.	189.36	245.5	199.8	93.	-1.
14 16 13	274.	18.	.07	202.	29.02	.10	.5	115.	189.62	246.5	202.2	100.	-1.
14 16 18	266.	6.	-.14	181.	29.56	.11	.1	125.	189.94	249.3	214.9	101.	-1.
14 16 23	261.	3.	-.20	185.	29.56	.07	.2	110.	189.91	246.5	214.6	98.	-1.
14 16 28	256.	1.	-.20	167.	29.32	.04	.1	121.	189.94	232.1	202.8	94.	-1.
14 16 33	254.	1.	-.22	175.	29.32	.02	.2	114.	189.94	229.0	214.9	97.	-1.
14 16 38	282.	3.	-.25	182.	29.62	.02	.2	110.	188.65	228.3	193.2	100.	-3.
14 16 43	280.	0.	-.24	183.	29.50	.03	.0	113.	188.65	224.2	205.8	98.	-2.
14 16 48	249.	1.	-.29	186.	29.50	.01	.3	111.	184.47	210.1	204.1	97.	-2.
14 16 53	249.	0.	-.23	182.	29.53	.01	.2	111.	188.71	217.2	202.5	98.	-2.
14 16 58	244.	0.	-.18	195.	29.32	.00	.3	119.	188.71	218.5	204.1	90.	-1.
14 18 3	236.	0.	-.24	185.	29.44	.02	.2	127.	182.18	201.0	204.7	98.	-1.
14 18 8	226.	0.	-.20	176.	29.14	.00	.3	134.	185.41	191.2	207.3	99.	-1.
14 18 13	226.	0.	-.21	173.	29.32	.02	.2	133.	185.41	190.6	204.7	99.	-1.
14 18 18	225.	0.	-.14	181.	29.26	.01	.1	134.	184.76	188.6	203.5	99.	-1.
14 18 23	225.	1.	-.24	163.	29.17	.00	.1	142.	184.76	187.4	202.2	99.	-1.
14 18 28	221.	1.	-.65	168.	28.12	.01	0.0	139.	184.76	183.5	202.8	98.	-1.
14 18 33	223.	1.	-.65	153.	28.57	.01	.1	149.	184.76	186.7	208.9	98.	-1.
14 18 38	224.	0.	-.25	163.	28.12	.02	.2	149.	186.06	189.3	211.1	99.	-1.
14 18 43	224.	0.	-.25	166.	28.72	.05	.2	145.	185.41	189.3	208.6	99.	-1.
14 18 48	223.	0.	-.23	173.	29.50	.01	.2	127.	183.47	189.9	205.4	97.	-1.
14 18 53	223.	0.	-.18	175.	29.41	.02	.4	124.	184.12	189.0	206.6	98.	-1.

C COMMUTATOR

TIME H/M/S	EC 56 PRESS RAM AR PRIMRY HX HSUB NLEY	EC 57 PRESS RAM AR PRIMRY HX HSUB NLEY	EC 58 PRESS RAM AR PRIMRY HX HSUB NLEY	EC 59 PRESS STATIC PRIMRY HX HEADER INLET	EC 60 PRESS STATIC PRIMRY HX HEADER OUTLET	EC 65 PRESS STATIC RAM AIR	PR 24 TEMP AIR INLET AUX LIP	PR 25 TEMP AIR INLET COWL LIP L/H	PR 26 TEMP SURFAC AUX LIP L/H	PR 27A TEMP SURFAC COWL LIP L/H	PR 27B TEMP SURFAC COWL LIP L/H	PR 28 TEMP AIR INLET SPIKE TIP	PR 13 TEMP CSD L/HENG
12 55 53	40.00	-23	-12	-00	30.0	.06	104.	LOW	106.	848.	111.	95.	91.
12 55 58	40.00	-18	-29	-00	30.0	.09	104.	LOW	105.	846.	114.	94.	92.
12 56 3	40.00	-23	-31	-00	30.0	.21	95.	LOW	105.	848.	112.	95.	91.
12 56 8	40.00	-25	-29	-01	36.0	.21	97.	LOW	106.	848.	112.	95.	91.
12 56 13	40.00	-31	-51	-01	30.0	.09	103.	LOW	105.	848.	113.	96.	91.
12 56 18	40.00	-27	-41	-00	30.0	.10	104.	LOW	105.	821.	113.	95.	91.
12 56 28	40.00	-27	-23	-00	30.0	.12	103.	LOW	105.	848.	113.	95.	91.
12 56 33	40.00	-33	-10	-03	30.0	.06	104.	LOW	105.	848.	113.	95.	91.
12 56 38	40.00	-16	-39	-00	30.0	.35	101.	LOW	100.	848.	114.	95.	91.
12 56 43	40.00	-22	-22	-00	30.0	.38	102.	LOW	102.	578.	113.	95.	92.
12 56 48	40.00	-08	-31	-00	30.0	.29	99.	LOW	105.	752.	114.	95.	92.
12 56 53	40.00	-22	-37	-00	30.0	.23	102.	LOW	105.	848.	113.	96.	92.
12 56 58	40.00	-39	0.00	0.00	30.0	.00	103.	LOW	106.	848.	113.	95.	92.
12 57 3	40.00	-20	-14	-00	30.0	.06	103.	LOW	105.	848.	113.	96.	92.
12 57 8	40.00	-08	-04	-00	30.0	.23	105.	LOW	109.	848.	113.	96.	92.
12 57 13	40.00	-25	-16	-03	30.0	.21	106.	LOW	108.	848.	113.	96.	92.
12 57 18	40.00	-66	-08	-02	30.0	.12	108.	LOW	105.	848.	113.	96.	92.
12 57 23	40.00	-25	-22	-01	30.0	.16	106.	LOW	106.	848.	113.	96.	92.
12 57 28	40.00	-23	-04	-01	30.0	.06	106.	LOW	110.	848.	113.	96.	92.
12 57 33	40.00	-25	-23	-01	30.0	.06	106.	LOW	111.	848.	113.	96.	92.
12 57 38	40.00	-43	-31	-00	30.0	.15	107.	LOW	105.	204.	111.	95.	92.
12 57 43	40.00	-37	-08	-00	30.0	.09	106.	LOW	106.	526.	111.	97.	93.
12 57 48	40.00	-59	-08	-00	30.0	.35	105.	LOW	110.	838.	116.	98.	95.
12 57 53	40.00	-9.31	-08	-02	30.0	.44	105.	LOW	110.	839.	114.	96.	96.
12 57 58	40.00	-11.10	-22	-01	30.0	.29	95.	LOW	109.	848.	113.	97.	98.
12 58 3	40.00	-8.25	-04	-01	30.0	.29	95.	LOW	110.	848.	113.	96.	99.
12 58 8	40.00	-16.54	-23	-01	30.0	.43	97.	LOW	106.	848.	113.	96.	99.
12 58 13	40.00	-25	-31	-00	30.0	.31	100.	LOW	107.	848.	113.	96.	99.
12 58 18	40.00	-43	-08	-00	30.0	.43	100.	LOW	107.	848.	113.	96.	99.
12 58 23	40.00	-78	-08	-00	30.0	.31	100.	LOW	107.	848.	113.	96.	99.
12 58 28	40.00	-59	-14	-00	30.0	.44	100.	LOW	107.	848.	113.	96.	99.
12 58 33	40.00	-9.00	-25	-01	30.0	.31	100.	LOW	107.	848.	113.	96.	99.
12 58 38	40.00	-20.02	-08	-00	30.0	.44	100.	LOW	107.	848.	113.	96.	99.
12 58 43	40.00	-9.97	-06	-00	30.0	.43	100.	LOW	107.	848.	113.	96.	99.
12 58 48	40.00	-12.30	-78	-00	30.0	.43	100.	LOW	107.	848.	113.	96.	99.
12 58 53	40.00	-11.85	-31	-00	30.0	.43	100.	LOW	107.	848.	113.	96.	99.
12 58 58	40.00	-11.65	-08	-00	30.0	.44	100.	LOW	107.	848.	113.	96.	99.
12 59 3	40.00	-20.02	-08	-00	30.0	.44	100.	LOW	107.	848.	113.	96.	99.
12 59 8	40.00	-9.97	-06	-00	30.0	.43	100.	LOW	107.	848.	113.	96.	99.
12 59 13	40.00	-12.30	-78	-00	30.0	.43	100.	LOW	107.	848.	113.	96.	99.
12 59 18	40.00	-8.00	-31	-00	30.0	.44	100.	LOW	107.	848.	113.	96.	99.
12 59 23	40.00	-12.53	-41	-01	30.0	.31	100.	LOW	107.	848.	113.	96.	99.
12 59 28	40.00	-8.99	-27	-01	30.0	.44	100.	LOW	107.	848.	113.	96.	99.
12 59 33	40.00	-13.41	-39	-01	30.0	.56	105.	LOW	105.	848.	113.	96.	99.
12 59 38	40.00	-15.95	-43	-01	30.0	.38	106.	LOW	105.	848.	113.	96.	99.
12 59 43	40.00	-12.24	-37	-01	30.0	.59	110.	LOW	107.	848.	113.	96.	99.
12 59 48	40.00	-30.26	-12	-02	30.0	.59	110.	LOW	107.	848.	113.	96.	99.
12 59 53	40.00	-19.45	-23	-05	30.0	.43	108.	LOW	106.	848.	113.	96.	99.
12 59 58	40.00	-9.00	-51	-02	30.0	.59	110.	LOW	100.	848.	113.	96.	99.
12 60 3	40.00	-8.66	-39	-02	30.0	.57	110.	LOW	100.	848.	113.	96.	99.
12 60 8	40.00	-9.70	-43	-02	30.0	.32	106.	LOW	100.	848.	113.	96.	99.
12 60 13	40.00	-11.69	-16	-02	30.0	.44	109.	LOW	104.	848.	113.	96.	99.
12 60 18	40.00	-17.05	-39	-04	30.0	.44	100.	LOW	102.	848.	113.	96.	99.
12 60 23	40.00	-24.13	-55	-04	30.0	.44	100.	LOW	103.	848.	113.	96.	99.
12 60 28	40.00	-16.77	-57	-06	30.0	.32	108.	LOW	103.	848.	113.	96.	99.
12 60 33	40.00	-9.74	-51	-04	30.0	.44	100.	LOW	102.	848.	113.	96.	99.
12 60 38	40.00	-10.17	-49	-02	30.0	.44	100.	LOW	102.	848.	113.	96.	99.
12 60 43	40.00	-10.75	-55	-08	30.0	.50	106.	LOW	104.	848.	113.	96.	99.

TIME W/M/S	EC 56 PRESS RAM AR PRIMRY HX MSUB NLET	EC 57 PRESS RAM AR PRIMRY HX MSUB NLET	EC 58 PRESS RAM AR PRIMRY HX MSUB NLET	EC 59 PRESS STATIC PRIMRY HX HEADER INLET	EC 60 PRESS STATIC PRIMRY HX HEADER OUTLET	EC 65 PRESS STATIC RAM AIR	PR 24 TEMP AIR INLET AUX LIP	PR 25 TEMP AIR INLET COML LIP L/M	PR 26 TEMP SURFAC AUX LIP L/M	PR 27A TEMP SURFAC COML LIP L/M	PR 27B TEMP SURFAC COML LIP L/M	PR 28 TEMP AIR INLET SPIKE TIP	PR 13 TEMP CSD L/HENG
13 26 13	-9.58	.41	.33	2.45	30.0	.41	106.	LOW	105.	848.	112.	99.	145.
13 26 18	-8.48	.63	0.00	2.21	30.0	.65	106.	LOW	100.	848.	112.	106.	137.
13 26 23	-17.52	.55	.06	2.27	30.0	.63	106.	LOW	107.	848.	111.	106.	142.
13 26 29	-8.48	.63	.20	2.34	30.0	.38	108.	LOW	101.	848.	106.	101.	158.
13 26 34	-9.83	.49	.20	2.31	30.0	.32	106.	LOW	104.	848.	109.	102.	148.
13 26 39	-14.00	.66	.04	2.35	30.0	.56	106.	LOW	108.	848.	118.	105.	146.
13 26 44	-12.34	.37	.16	2.30	30.0	.44	108.	LOW	105.	848.	108.	105.	153.
13 26 49	-9.11	0.00	.12	2.36	30.0	.44	118.	LOW	103.	848.	107.	103.	168.
13 26 54	-18.46	.08	.18	2.35	30.0	.38	109.	LOW	104.	848.	109.	102.	153.
13 26 59	-9.27	.39	-.08	2.48	30.0	.50	107.	LOW	100.	848.	110.	104.	160.
13 27 4	-9.38	.41	-.04	2.43	30.0	.44	107.	LOW	100.	848.	109.	103.	160.
13 27 9	-28.57	.12	-.04	2.46	30.0	.29	118.	LOW	102.	848.	100.	105.	163.
13 27 14	-14.39	.39	-.02	2.53	30.0	.43	118.	LOW	102.	848.	104.	103.	164.
13 27 19	-17.32	.51	.08	1.52	30.0	.62	106.	LOW	106.	848.	110.	101.	155.
13 27 24	-15.72	.39	.23	1.52	30.0	.48	109.	LOW	105.	848.	109.	101.	156.
13 27 29	-14.04	.55	.12	1.56	30.0	.53	112.	LOW	102.	848.	100.	101.	165.
13 27 34	-14.19	.61	.04	1.55	30.0	.43	111.	LOW	101.	848.	100.	102.	160.
13 27 39	-16.43	.70	.16	1.57	30.0	.65	112.	LOW	104.	848.	95.	106.	165.
13 27 44	-16.05	.53	.29	1.55	30.0	.43	111.	LOW	104.	848.	103.	102.	160.
13 27 49	-13.76	.63	-.47	1.54	30.0	.65	108.	LOW	105.	848.	110.	103.	163.
13 27 54	-15.46	.63	-.23	1.55	30.0	.59	108.	LOW	103.	848.	109.	100.	161.
13 27 59	-15.60	.51	.23	1.54	30.0	.32	111.	LOW	103.	848.	100.	106.	166.
13 28 4	-15.89	.57	.23	1.53	30.0	.38	112.	LOW	103.	848.	100.	103.	161.
13 28 9	-15.27	.63	.20	1.60	30.0	.38	112.	LOW	101.	779.	110.	102.	167.
13 28 14	-15.13	.55	.14	1.64	30.0	.57	112.	LOW	103.	813.	109.	102.	165.
13 28 19	-11.18	.66	.12	1.57	30.0	.65	114.	LOW	100.	848.	100.	105.	172.
13 28 24	-9.81	.64	-.02	1.58	30.0	.59	112.	LOW	100.	848.	109.	105.	172.
13 28 29	-9.27	0.00	0.00	1.62	30.0	.29	112.	LOW	96.	LOW	108.	104.	171.
13 28 34	-9.60	.35	-.02	1.68	30.0	.38	111.	LOW	99.	848.	109.	106.	170.
13 28 39	-20.15	.70	.12	1.56	30.0	.56	110.	LOW	99.	848.	110.	105.	165.
13 28 44	-18.59	.37	.16	1.48	30.0	.37	111.	LOW	101.	771.	100.	104.	164.
13 28 49	-9.93	-.04	.16	1.37	30.0	.21	113.	LOW	103.	814.	105.	104.	167.
13 28 54	-14.84	.16	.12	1.38	30.0	.45	118.	LOW	103.	831.	107.	104.	172.
13 28 59	-12.51	.47	.00	1.40	30.0	.50	115.	LOW	102.	848.	100.	99.	180.
13 29 5	-12.16	.29	.02	1.39	30.0	.34	115.	LOW	103.	848.	100.	100.	176.
13 29 10	-8.80	.59	-.04	1.43	30.0	.44	114.	LOW	103.	770.	100.	105.	171.
13 29 15	-12.36	.49	.12	1.74	30.0	.40	114.	LOW	106.	809.	109.	105.	174.
13 29 20	-20.82	.00	.12	1.39	30.0	.47	113.	LOW	106.	848.	100.	107.	171.
13 29 25	-21.15	.39	.12	1.40	30.0	.59	113.	LOW	105.	848.	109.	107.	172.
13 29 30	-8.21	.55	.18	1.30	30.0	.47	113.	LOW	102.	848.	107.	103.	171.
13 29 35	-16.30	.29	.22	1.37	30.0	.49	112.	LOW	100.	840.	100.	103.	170.
13 29 40	-14.27	.31	.12	1.38	30.0	.35	105.	LOW	103.	848.	109.	106.	170.
13 29 45	-12.18	.53	.14	1.39	30.0	.37	100.	LOW	102.	843.	109.	105.	179.
13 29 50	-10.13	.55	.12	1.42	30.0	.47	111.	LOW	97.	406.	100.	104.	173.
13 29 55	-17.91	.41	.20	1.40	30.0	.60	110.	LOW	100.	667.	100.	104.	171.
13 30 0	-12.51	.27	.35	1.30	30.0	.32	110.	LOW	105.	848.	110.	103.	173.
13 30 5	-13.63	.41	.31	1.39	30.0	.35	110.	LOW	104.	848.	100.	104.	182.
13 30 10	-12.28	.04	.27	1.36	30.0	.47	109.	LOW	103.	834.	100.	100.	180.
13 30 15	-13.27	.23	.27	1.37	30.0	.34	109.	LOW	103.	841.	100.	102.	177.

TIME H/M/S	EC 56 PRESS RAM AR PRIMRY HX HSUB NLET	EC 57 PRESS RAM AR PRIMRY HX HSUB NLET	EC 58 PRESS RAM AR PRIMRY HX HSUB NLET	EC 59 PRESS STATIC PRIMRY HX HEADER INLET	EC 60 PRESS STATIC PRIMRY HX HEADER OUTLET	EC 65 PRESS STATIC RAM AIR	PR 24 TEMP AIR INLET AUX LIP	PR 25 TEMP IR INLET AUX LIP L/H	PR 26 TEMP SURFAC AUX LIP L/H	PR 27A TEMP SURFAC COML LIP L/H 25 DEG	PR 27B TEMP SURFAC COML LIP L/H 59 DEG	PR 28 TEMP AIR INLET SPIKE TIP	PR 13 TEMP CSD L/H/ENG
13 30 20	-15.72	.12	.16	1.39	30.0	.29	100.	LOW	102.	429.	107.	106.	177.
13 30 25	-13.90	.20	.20	1.39	30.0	.34	100.	LOW	101.	639.	100.	105.	101.
13 30 30	-9.35	.31	0.00	1.39	30.0	.41	100.	LOW	101.	686.	107.	101.	175.
13 30 35	-16.60	.25	.10	1.42	30.0	.34	100.	LOW	102.	667.	107.	101.	179.
13 30 40	-10.91	.23	.31	1.45	30.0	-.06	100.	LOW	100.	840.	109.	103.	170.
13 30 45	-13.00	.10	.12	1.34	30.0	.25	100.	LOW	101.	840.	107.	102.	103.
13 30 50	-25.69	.31	-.04	1.25	30.0	-.03	100.	LOW	103.	840.	107.	102.	102.
13 30 55	-29.05	.10	0.00	1.24	30.0	.03	100.	LOW	101.	840.	107.	101.	107.
13 31 0	-8.21	.12	.12	1.25	30.0	.26	100.	LOW	102.	840.	110.	103.	102.
13 31 5	-9.54	.31	.04	1.26	30.0	.29	100.	LOW	90.	840.	100.	105.	103.
13 31 10	-20.41	.20	.20	1.22	30.0	.26	100.	LOW	101.	840.	100.	100.	103.
13 31 15	-14.41	.45	.31	1.63	30.0	.43	100.	LOW	102.	840.	100.	100.	104.
13 31 20	-18.95	.27	.43	2.15	30.0	.06	100.	LOW	101.	705.	109.	105.	101.
13 31 25	-9.50	.37	.20	2.17	30.0	.21	100.	LOW	101.	645.	109.	103.	102.
13 31 30	-17.09	.35	.08	2.15	30.0	.56	100.	LOW	102.	803.	100.	105.	100.
13 31 35	-12.84	.51	.04	1.67	30.0	.50	100.	LOW	101.	826.	101.	105.	101.
13 31 40	-8.40	.43	.59	.91	30.0	.41	100.	LOW	103.	840.	100.	102.	203.
13 31 45	-10.77	.49	.27	.88	30.0	.41	100.	LOW	103.	840.	100.	103.	201.
13 32 17	-16.85	.59	.27	.86	30.0	.41	100.	LOW	103.	840.	100.	100.	200.
13 32 22	-13.29	.35	.23	.87	30.0	.38	100.	LOW	103.	840.	107.	102.	194.
13 32 35	-17.56	.59	.25	.98	30.0	.44	100.	LOW	95.	748.	106.	95.	191.
13 32 37	-18.04	.47	.08	.88	30.0	.38	100.	LOW	105.	743.	106.	100.	109.
13 32 42	-19.55	.35	.08	.92	30.0	.29	100.	LOW	104.	744.	107.	102.	190.
13 32 47	-14.90	.47	.10	.89	30.0	.13	100.	LOW	106.	840.	107.	105.	194.
13 32 57	-26.31	.23	.23	.82	30.0	.44	100.	LOW	103.	840.	107.	104.	192.
13 33 2	-17.54	.29	.23	.82	30.0	.50	100.	LOW	105.	840.	107.	103.	200.
13 33 3	-21.15	.66	0.00	.89	30.0	.47	100.	LOW	105.	840.	107.	103.	197.
13 33 7	-28.14	.63	.04	.89	30.0	.70	100.	LOW	105.	840.	107.	103.	200.
13 33 12	-15.21	.63	.16	.88	30.0	.62	100.	LOW	104.	840.	100.	103.	202.
13 33 17	-14.04	.66	.08	.88	30.0	.47	100.	LOW	103.	840.	100.	98.	196.
13 33 27	-15.37	1.21	.08	.90	30.0	.47	100.	LOW	103.	840.	106.	102.	200.
13 33 33	-14.51	.78	.18	.87	30.0	.48	100.	LOW	103.	840.	109.	103.	200.
13 33 38	-14.43	.55	.12	.87	30.0	.44	100.	LOW	102.	840.	109.	103.	202.
13 33 51	-11.24	.49	.08	.87	30.0	.47	100.	LOW	102.	840.	109.	103.	199.
13 33 51	-8.25	.39	.39	.87	30.0	.30	100.	LOW	103.	840.	107.	100.	201.
13 33 48	-14.60	.33	.29	.86	30.0	.41	100.	LOW	103.	800.	100.	105.	201.
13 33 53	-24.59	.55	0.00	.89	30.0	.56	100.	LOW	100.	727.	100.	105.	203.
13 33 53	-16.87	.55	.04	.88	30.0	.47	100.	LOW	102.	695.	100.	103.	200.
13 33 58	-9.30	.43	.12	.86	30.0	.59	100.	LOW	106.	840.	100.	102.	196.
13 34 3	-15.25	.90	.12	.86	30.0	.32	100.	LOW	105.	840.	107.	102.	197.
13 34 13	-13.22	.60	.16	.86	30.0	.15	100.	LOW	105.	592.	107.	101.	198.
13 34 10	-10.21	.39	.25	.89	30.0	.15	100.	LOW	101.	720.	106.	101.	190.
13 34 23	-9.19	.25	.00	.88	30.0	.15	100.	LOW	101.	840.	106.	102.	207.
13 34 29	-10.13	.55	.16	.88	30.0	.53	100.	LOW	103.	760.	100.	104.	201.
13 34 42	-15.74	.59	.06	.88	30.0	.32	100.	LOW	99.	840.	106.	98.	207.
13 34 39	-9.07	.27	.27	.85	30.0	.40	100.	LOW	101.	763.	107.	101.	207.
13 34 44	-14.86	.27	.27	.85	30.0	.47	100.	LOW	103.	840.	107.	103.	208.
13 34 49	-14.86	.70	.16	.86	30.0	.32	100.	LOW	103.	840.	107.	104.	208.
13 34 54	-14.86	.70	.16	.87	30.0	.67	100.	LOW	103.	765.	100.	101.	197.

TIME
H/M/S

07

EC 56	EC 57	EC 58	EC 59	EC 60	EC 65	PR 24	PR 25	PR 26	PR 27A	PR 27B	PR 28	PR 13
PRESS	PRESS	PRESS	PRESS	PRESS	PRESS	TEMP	TEMP	TEMP	TEMP	TEMP	TEMP	TEMP
RAM AR	RAM AR	RAM AR	STATIC	STATIC	STATIC	AIR	AIR	SURFAC	SURFAC	SURFAC	AIR	CSD
PRIMRY	PRIMRY	PRIMRY	PRIMRY	PRIMRY	PRIMRY	INLET	INLET	AUX	COML	COML	INLET	L/HENG
HX	HX	HX	HX	HX	HX	AUX	COML	LIP	LIP	LIP	SPIKE	
MSUB	MSUB	MSUB	HEADER	HEADER	HEADER	LIP	LIP	L/H	L/H	L/H	TIP	
NLET	NLET	NLET	INLET	OUTLET	INLET							
-15.46	.63	.10	.88	30.0	.59	117.	LOW	103.	807.	188.	103.	202.
-9.42	.59	.31	.89	30.0	.32	111.	LOW	108.	848.	107.	103.	202.
-9.95	.63	.14	.89	30.0	.43	114.	LOW	102.	848.	107.	103.	203.
-13.02	.27	.35	.86	30.0	.29	115.	LOW	105.	553.	107.	99.	201.
-17.99	.43	.23	.87	30.0	.50	116.	LOW	104.	703.	107.	181.	201.
-20.45	.55	.08	.89	30.0	.09	117.	LOW	108.	848.	107.	103.	205.
-21.23	.25	.18	.87	30.0	.22	117.	LOW	103.	848.	107.	104.	207.
-11.22	.39	.47	.84	30.0	.35	116.	LOW	103.	692.	108.	103.	197.
-10.24	.37	.35	.88	30.0	.29	118.	LOW	103.	778.	106.	103.	198.
-14.00	.47	.04	.89	30.0	.82	128.	LOW	103.	848.	108.	102.	218.
-11.18	.51	.12	.90	30.0	.69	124.	LOW	106.	848.	106.	105.	221.
-8.00	.55	.39	.81	30.0	.02	125.	LOW	102.	821.	106.	103.	223.
-9.70	.72	.20	.86	30.0	.37	125.	LOW	102.	835.	105.	104.	238.
-9.11	.78	.12	.87	30.0	.65	123.	LOW	98.	848.	95.	103.	223.
-9.95	.74	.04	.87	30.0	.54	123.	LOW	101.	848.	101.	103.	223.
-8.02	.70	.12	.87	30.0	.79	127.	LOW	103.	848.	110.	106.	231.
-8.00	.53	.14	.85	30.0	.45	125.	LOW	102.	848.	108.	104.	238.
-10.05	.31	.43	.85	30.0	.29	119.	LOW	101.	732.	185.	104.	227.
-8.97	.22	.41	.85	30.0	.35	121.	LOW	103.	798.	184.	98.	228.
-9.27	.66	0.00	.88	30.0	.21	123.	LOW	102.	848.	105.	97.	229.
-9.58	.55	.22	.86	30.0	.21	123.	LOW	103.	848.	105.	188.	225.
-7.90	.23	.31	.78	30.0	.26	125.	LOW	104.	848.	107.	108.	231.
-7.08	.35	.31	.81	30.0	.31	124.	LOW	103.	762.	106.	105.	227.
-7.90	.31	.39	.84	30.0	.26	125.	LOW	103.	848.	103.	105.	237.
-8.02	.39	.39	.84	30.0	.28	124.	LOW	103.	848.	185.	106.	233.
-8.17	.39	0.00	.87	30.0	.53	123.	LOW	105.	848.	95.	104.	223.
-8.48	.45	.18	.89	30.0	.44	122.	LOW	105.	694.	181.	105.	223.
-15.76	.98	.51	.87	30.0	.44	123.	LOW	105.	848.	108.	106.	230.
-12.41	.72	.35	.86	30.0	.40	123.	LOW	105.	848.	181.	108.	229.
-8.17	.31	.43	.82	30.0	.35	121.	LOW	105.	848.	107.	107.	225.
-11.30	.33	.37	.81	30.0	.34	123.	LOW	103.	848.	107.	105.	229.
-9.31	.78	.08	.87	30.0	.59	125.	LOW	95.	848.	187.	108.	239.
-8.08	.76	.14	.86	30.0	.56	125.	LOW	108.	848.	187.	108.	238.
-8.02	.51	.12	.84	30.0	.58	123.	LOW	95.	848.	108.	106.	235.
-8.97	.57	.06	1.19	30.0	.54	124.	LOW	108.	848.	108.	105.	231.
-8.99	.39	.23	1.05	30.0	.09	123.	LOW	103.	848.	106.	103.	235.
-11.50	.49	.27	2.07	30.0	.22	123.	LOW	103.	848.	108.	99.	234.
-9.11	.43	-.04	3.29	30.0	.29	124.	LOW	101.	848.	106.	118.	225.
-18.36	.33	.14	3.63	30.0	.31	124.	LOW	99.	737.	105.	106.	226.
-8.68	.43	0.00	4.04	30.0	.21	125.	LOW	97.	889.	107.	103.	221.
-11.65	.51	0.00	4.05	30.0	.53	125.	LOW	96.	829.	106.	103.	225.
-9.85	.59	0.00	4.01	30.0	.44	124.	LOW	96.	848.	185.	103.	222.
-12.02	.39	.10	4.02	30.0	.45	124.	LOW	96.	848.	187.	104.	224.
-15.21	.47	.31	3.91	30.0	.32	119.	LOW	93.	678.	95.	101.	223.
-13.18	.53	.14	3.90	30.0	.51	122.	LOW	94.	763.	108.	103.	224.
-14.55	.43	0.00	3.93	30.0	.44	125.	LOW	93.	848.	108.	104.	231.
-11.61	.55	-.18	3.91	30.0	.54	125.	LOW	93.	848.	107.	104.	229.
-10.60	.35	.12	3.91	30.0	.44	125.	LOW	91.	848.	185.	105.	231.
-10.67	.45	.04	3.91	30.0	.53	126.	LOW	91.	848.	186.	184.	238.

TIME H/M/S	EC 56 PRESS RAM AR PRIMRY HX MSUB NLET	EC 57 PRESS RAM AR PRIMRY HX MSUB NLET	EC 58 PRESS RAM AR PRIMRY HX MSUB NLET	EC 59 PRESS STATIC PRIMRY HX HEADER INLET	EC 60 PRESS STATIC PRIMRY HX HEADER OUTLET	EC 65 PRESS STATIC RAM AIR	PR 24 TEMP AIR INLET AUX LIP	PR 25 TEMP AIR INLET COML LIP L/H	PR 26 TEMP SURFAC AUX LIP L/H	PR 27A TEMP SURFAC COML LIP L/H	PR 27B TEMP SURFAC COML LIP L/H	PR 28 TEMP AIR INLET SPIKE TIP	PR 13 TEMP CSD L/HENG
13 58 46	-14.12	.66	-.16	3.94	30.0	-.67	125.	LOW	94.	848.	98.	105.	229.
13 58 51	-11.61	.55	-.04	3.98	30.0	-.67	123.	LOW	95.	848.	99.	102.	224.
13 58 56	-11.30	.08	-.16	.84	30.0	-.44	120.	LOW	90.	848.	107.	100.	231.
13 59 1	-11.20	.27	.12	.89	30.0	-.50	127.	LOW	92.	848.	106.	100.	235.
13 59 6	-8.37	.31	.31	.93	30.0	-.53	125.	LOW	104.	848.	106.	99.	224.
13 59 11	-8.91	.35	.31	.91	30.0	-.41	125.	LOW	104.	848.	107.	102.	229.
13 59 16	-10.48	.55	.12	.98	30.0	-.56	120.	LOW	100.	848.	104.	105.	239.
13 59 21	-11.40	.47	.06	.91	30.0	-.47	128.	LOW	101.	848.	105.	103.	230.
13 59 26	-8.13	.43	.27	.87	30.0	-.35	129.	LOW	106.	848.	106.	105.	242.
14 6 3	-11.55	.66	.27	.98	30.0	-.28	129.	LOW	105.	848.	107.	107.	246.
14 6 8	-8.21	.63	.08	1.11	30.0	-.21	130.	LOW	105.	848.	108.	108.	244.
14 6 13	-8.21	.70	.08	1.11	30.0	-.26	131.	LOW	106.	848.	108.	106.	242.
14 6 18	-8.29	.70	.08	1.09	30.0	-.21	129.	LOW	107.	848.	108.	106.	246.
14 6 23	-8.45	.66	.33	1.10	30.0	-.19	130.	LOW	106.	848.	108.	105.	237.
14 6 28	-9.27	.55	.04	1.10	30.0	-.07	127.	LOW	105.	848.	108.	104.	248.
14 6 33	-8.50	.57	.14	1.10	30.0	-.12	128.	LOW	100.	848.	107.	102.	231.
14 6 38	-9.79	.39	.31	1.09	30.0	-.06	128.	LOW	108.	848.	110.	118.	232.
14 6 43	-24.99	.35	.29	1.10	30.0	-.06	147.	LOW	108.	848.	110.	118.	246.
14 13 14	-24.46	.39	.06	.80	30.0	-.44	148.	LOW	109.	848.	112.	118.	241.
14 13 19	-22.76	.27	.39	.82	30.0	-.21	152.	LOW	110.	619.	112.	113.	228.
14 13 24	-24.16	.53	.23	.83	30.0	-.43	151.	LOW	109.	734.	109.	111.	241.
14 13 29	-30.42	.43	.39	.78	30.0	-.41	131.	LOW	110.	494.	108.	109.	243.
14 13 34	-27.49	.59	.25	.81	30.0	-.60	141.	LOW	110.	671.	108.	112.	238.
14 13 39	-22.52	.20	.39	.82	30.0	-.35	152.	LOW	109.	833.	107.	114.	228.
14 13 44	-23.15	.08	.39	.81	30.0	-.41	152.	LOW	102.	840.	109.	115.	230.
14 13 49	-27.29	.55	.39	.79	30.0	-.47	151.	LOW	118.	848.	111.	112.	235.
14 13 54	-24.09	.49	.20	.80	30.0	-.41	151.	LOW	108.	577.	109.	109.	248.
14 14 5	-25.42	.27	.22	.17	30.0	-.30	147.	LOW	112.	166.	112.	118.	226.
14 16 10	-26.20	.66	.22	.02	30.0	-.32	146.	LOW	110.	*000000.	110.	109.	234.
14 16 15	-23.23	.61	.16	.01	30.0	-.19	145.	LOW	100.	*000000.	108.	108.	244.
14 16 21	-25.65	.47	.31	.00	30.0	-.03	144.	LOW	106.	832.	110.	107.	244.
14 16 26	-26.55	.37	.37	.01	30.0	-.07	142.	LOW	108.	840.	109.	108.	245.
14 16 31	-26.82	.43	.43	.00	30.0	-.09	139.	LOW	110.	848.	110.	108.	247.
14 16 36	-26.94	.45	.43	.00	30.0	-.09	138.	LOW	112.	848.	110.	109.	245.
14 16 41	-27.31	.47	.43	.00	30.0	-.03	134.	LOW	109.	848.	108.	108.	242.
14 16 46	-26.71	.51	.35	.01	30.0	-.13	127.	LOW	109.	848.	109.	108.	238.
14 16 51	-25.69	.47	.31	.01	30.0	-.00	118.	LOW	108.	848.	111.	108.	232.
14 16 56	-19.94	.43	.29	.01	30.0	-.09	119.	LOW	100.	625.	111.	108.	233.
14 17 1	-18.36	.47	.27	.01	30.0	-.03	120.	LOW	108.	727.	111.	107.	231.
14 17 6	-17.24	.63	.18	.01	30.0	-.12	119.	LOW	108.	780.	109.	107.	231.
14 17 11	-18.06	.70	.12	.02	30.0	-.21	119.	LOW	105.	840.	110.	108.	231.
14 17 16	-20.57	.66	.10	.02	30.0	-.34	119.	LOW	100.	848.	109.	107.	231.
14 17 21	-12.94	.59	.16	.05	30.0	-.35	119.	LOW	110.	848.	114.	108.	231.
14 17 26	-13.39	.45	.23	.02	30.0	-.23	119.	LOW	109.	840.	111.	108.	231.
14 17 31	-11.50	.27	.43	.01	30.0	-.03	119.	LOW	110.	724.	109.	108.	219.
14 17 36	-10.75	.14	.20	-.01	30.0	0.00	110.	LOW	110.	706.	109.	108.	225.

C COMMUTATOR

TIME M/M/S	PR 14 TEMP MASS GEAR CASE	PR 15 TEMP MASS MAIN FUEL CONTRL L/HENG	PR 29 TEMP SURFAC SPIKE TIP	PR 31 TEMP AIR INLET ANTI ICE FR FRA	EC 67 TEMP MANFLO VORTEX GENTR	AF 10 PRESS A/B FUEL CONTRL INLET	SP 2 PRESS HYD JIL INLET JTL PUMP	SP 4 PRESS HYD OIL OUTLET UTL PUMP	SP 6 PRESS HYD OIL INLET PRIMRY PUMP	SP 8 PRESS HYD OIL OUTLET PRIMRY PUMP	AF 14 PRESS AIR FHD FUEL TANK	AF 10 PRESS FUEL OIL COOLER OUTLET L/HENG
12 55 53	95.	91.	76.	97.	100.	45.	99.6	54.	94.	15.	.10	3.
12 55 58	94.	92.	76.	98.	101.	65.	99.7	24.	95.	5.	.10	1.
12 56 3	95.	93.	75.	98.	95.	63.	98.8	49.	95.	8.	.09	0.
12 56 8	95.	93.	76.	96.	97.	56.	99.2	49.	95.	2.	.12	-4.
12 56 13	94.	93.	77.	98.	100.	10.	100.7	34.	95.	-15.	.15	1.
12 56 28	93.	91.	77.	98.	100.	16.	100.4	42.	96.	2.	.12	1.
12 56 33	95.	90.	76.	99.	100.	11.7	100.7	54.	94.	34.	.18	-4.
12 56 38	95.	87.	76.	99.	100.	8.3	99.9	61.	94.	24.	.15	-4.
12 56 43	92.	91.	76.	98.	101.	37.	100.6	39.	94.	10.	.13	-5.
12 56 51	93.	92.	76.	97.	101.	56.	100.7	34.	94.	5.	.22	5.
12 56 58	93.	92.	77.	97.	101.	-25.	100.3	0.	95.	29.	.15	5.
12 57 3	95.	90.	76.	96.	101.	-69.	100.3	2.	95.	15.	.34	1.
12 57 8	95.	90.	76.	98.	100.	47.	98.4	78.	94.	0.	.12	-1.
12 57 13	94.	92.	77.	98.	101.	217.	99.9	83.	95.	95.	.16	8.
12 57 18	95.	92.	77.	99.	100.	217.	100.4	88.	93.	28.	.13	3.
12 57 23	95.	96.	74.	103.	106.	993.	100.4	66.	94.	28.	.18	3.
12 57 28	95.	94.	80.	103.	102.	993.	86.4	34.	80.	49.	.15	4.
12 57 33	121.	95.	89.	102.	105.	1062.	85.1	1525.	80.	1478.	.07	4.
12 57 38	125.	95.	90.	102.	105.	1532.	86.5	3021.	80.	2991.	.13	18.
12 57 43	137.	95.	87.	101.	105.	1532.	84.8	2999.	80.	3021.	.04	23.
12 57 48	145.	96.	86.	101.	105.	1994.	85.6	2414.	81.	2809.	.84	51.
12 57 53	139.	95.	86.	103.	105.	1997.	86.1	2848.	81.	2957.	.31	51.
12 57 58	136.	96.	85.	103.	104.	1896.	87.2	3069.	80.	2972.	.10	56.
12 58 3	128.	95.	87.	103.	102.	1879.	88.1	3050.	80.	2967.	.17	55.
12 58 8	126.	96.	87.	103.	102.	2000.	76.1	3050.	80.	2906.	.21	60.
12 58 13	121.	99.	86.	103.	105.	1998.	76.4	3033.	80.	2977.	.15	60.
12 58 18	115.	105.	90.	109.	105.	1935.	72.9	3016.	83.	2906.	.12	55.
12 58 23	117.	116.	90.	117.	105.	2000.	8.8	3006.	83.	3018.	.82	57.
12 58 28	121.	118.	91.	116.	106.	2000.	8.2	2893.	79.	3270.	.72	57.
12 58 33	120.	119.	95.	114.	106.	1030.	74.5	2898.	80.	3174.	.01	50.
12 58 38	119.	110.	95.	107.	100.	1030.	76.8	2977.	82.	2942.	.21	50.
12 58 43	121.	110.	95.	105.	110.	63.	81.0	3006.	82.	2955.	.15	50.
12 58 48	121.	113.	94.	109.	108.	56.	75.7	3006.	81.	3016.	.07	57.
12 58 53	123.	121.	95.	105.	111.	2000.	70.4	2955.	82.	3033.	.21	50.
12 58 58	120.	118.	97.	108.	110.	1025.	79.3	2955.	82.	3033.	.21	50.
12 59 3	123.	118.	96.	110.	106.	1025.	74.8	2952.	81.	3033.	.21	50.
12 59 8	120.	115.	96.	110.	106.	51.	79.5	2942.	81.	3033.	.27	60.
12 59 13	121.	126.	97.	108.	107.	49.	79.3	2942.	82.	3033.	.87	54.
12 59 18	126.	127.	97.	108.	113.	53.	79.3	2942.	82.	3033.	.84	57.
12 59 23	132.	130.	96.	104.	112.	55.	77.4	2942.	82.	3033.	.09	62.
12 59 28	131.	131.	94.	108.	112.	47.	75.1	2942.	82.	3033.	.34	61.
12 59 33	130.	131.	95.	109.	109.	43.	75.4	3109.	81.	3033.	.92	59.
12 59 38	132.	128.	95.	114.	111.	45.	79.8	2920.	82.	3033.	.65	59.
12 59 43	132.	128.	95.	111.	112.	1022.	77.3	2976.	83.	3033.	.63	57.
12 59 48	132.	134.	95.	112.	111.	2000.	78.4	3104.	83.	3033.	.34	50.
12 59 53	132.	132.	95.	112.	111.	2000.	6.4	3104.	83.	3033.	.60	57.

TIME H/M/S	PR 14 TEMP MASS GEAR CASE	PR 15 TEMP MASS MAIN FUEL CONTROL L/HENG	PR 29 TEMP SURFAC SPIKE TIP	PR 31 TEMP AIR INLET ANTI ICE FR FRA	EC 67 TEMP MANFLD VORTEX GENRTR	AF 18 PRESS A/B FUEL CONTROL INLET	AF 11 PRESS A/B FUEL CONTROL OUTLET	SP 2 PRESS HYD OIL INLET JTL PUMP	SP 4 PRESS HYD OIL OUTLET UTL PUMP	SP 6 PRESS HYD OIL INLET PRIMARY PUMP	SP 8 PRESS HYD OIL OUTLET PRIMARY PUMP	AF 14 PRESS AIR FWD FUEL TANK	AF 18 PRESS FUEL OIL COOLER OUTLET L/HENG
13 26 13	130.	127.	96.	117.	111.	2000.	5.4	76.6	3067.	83.	2930.	-48	55.
13 26 18	124.	123.	101.	114.	110.	2000.	5.9	71.4	3045.	84.	2933.	-18	59.
13 26 23	127.	124.	101.	109.	109.	2000.	6.8	74.6	3065.	82.	2974.	-88	59.
13 26 29	137.	136.	95.	111.	112.	2000.	9.3	77.4	2986.	83.	2898.	-21	56.
13 26 34	132.	136.	96.	113.	118.	2000.	5.4	76.1	3006.	83.	2891.	-07	57.
13 26 39	126.	119.	97.	116.	111.	2000.	4.9	73.2	3104.	83.	2809.	-25	59.
13 26 44	133.	129.	96.	112.	113.	2000.	5.9	76.8	3077.	83.	2923.	-24	57.
13 26 49	139.	138.	95.	109.	114.	2000.	6.4	76.8	3079.	83.	3025.	-29	57.
13 26 54	134.	130.	99.	113.	112.	2000.	5.4	80.5	2906.	82.	3077.	-03	55.
13 26 59	141.	138.	100.	113.	111.	2000.	7.8	80.4	3040.	83.	3157.	0.00	50.
13 27 4	141.	136.	99.	105.	111.	2000.	7.3	75.6	3043.	84.	3055.	-13	53.
13 27 9	143.	139.	97.	108.	108.	2000.	-5	74.0	3172.	83.	2854.	-48	54.
13 27 14	142.	141.	96.	109.	111.	2000.	2.4	74.4	3055.	84.	2876.	-31	56.
13 27 19	136.	126.	100.	121.	112.	2000.	1.0	75.8	2079.	85.	3081.	-23	61.
13 27 24	137.	131.	100.	118.	114.	2000.	3.2	76.3	2986.	84.	2979.	-15	58.
13 27 29	147.	143.	99.	108.	117.	2000.	4.9	81.1	2977.	85.	3113.	-15	57.
13 27 34	141.	136.	99.	113.	117.	2000.	4.9	82.0	2977.	84.	3128.	-41	58.
13 27 39	141.	132.	101.	109.	116.	2000.	6.4	74.3	2893.	85.	2947.	-10	60.
13 27 44	139.	129.	102.	113.	115.	2000.	4.4	75.6	2890.	84.	2945.	-12	59.
13 27 49	139.	126.	95.	108.	117.	2000.	9.8	76.4	3192.	83.	2809.	-41	62.
13 27 54	141.	132.	96.	113.	119.	2000.	8.1	78.4	3094.	84.	2981.	-24	61.
13 27 59	147.	139.	100.	105.	121.	2000.	5.9	78.4	3172.	83.	2889.	-10	57.
13 28 4	146.	138.	101.	105.	122.	2000.	3.9	79.4	3072.	83.	2979.	-85	52.
13 28 9	141.	143.	99.	116.	118.	2000.	8.3	83.8	2898.	84.	3196.	-83	58.
13 28 19	140.	138.	101.	118.	118.	2000.	7.8	78.2	3003.	84.	3023.	-15	61.
13 28 24	147.	145.	101.	105.	128.	2000.	6.8	79.2	2089.	86.	3123.	-25	60.
13 28 29	149.	143.	101.	108.	119.	2000.	4.2	76.4	3801.	85.	3021.	-83	68.
13 28 34	147.	138.	101.	110.	121.	2000.	-5	75.2	2923.	85.	2906.	-13	62.
13 28 39	139.	127.	102.	118.	121.	2000.	2.2	76.9	2974.	85.	3035.	-07	60.
13 28 44	140.	127.	101.	118.	122.	2000.	7.3	75.1	3094.	85.	2903.	-25	61.
13 28 49	146.	132.	96.	109.	124.	2000.	5.4	77.9	3016.	85.	3013.	-31	59.
13 28 54	150.	140.	98.	107.	121.	2000.	7.3	74.0	3035.	84.	2923.	-81	61.
13 28 59	152.	136.	99.	105.	122.	2000.	7.3	75.7	3089.	85.	2974.	-87	59.
13 29 5	150.	135.	98.	113.	124.	2000.	5.9	74.8	3133.	86.	2952.	-84	46.
13 29 10	145.	132.	101.	114.	126.	2000.	0.3	82.0	3067.	85.	3013.	-19	53.
13 29 15	145.	132.	102.	111.	125.	2000.	7.6	70.6	3231.	84.	2908.	-67	58.
13 29 20	147.	132.	102.	111.	118.	2000.	3.4	72.3	3111.	85.	2913.	-45	58.
13 29 25	148.	132.	102.	111.	117.	2000.	4.2	72.3	2967.	86.	2928.	-18	63.
13 29 30	147.	134.	100.	116.	115.	2000.	4.4	79.5	2879.	86.	3143.	-10	62.
13 29 35	148.	133.	99.	115.	114.	2000.	4.2	82.0	2930.	86.	3104.	-82	61.
13 29 40	156.	141.	96.	105.	113.	2000.	12.7	77.1	3128.	84.	2893.	-89	61.
13 29 45	156.	144.	98.	108.	114.	2000.	11.0	79.4	3155.	84.	2881.	-25	60.
13 29 50	150.	131.	102.	117.	114.	2000.	4.4	73.8	3001.	85.	2933.	-19	59.
13 29 55	149.	134.	103.	116.	113.	2000.	5.6	78.8	3043.	85.	2910.	-48	61.
13 30 0	147.	136.	103.	116.	114.	2000.	6.8	80.1	2898.	85.	3196.	-89	54.
13 30 5	143.	143.	101.	110.	113.	2000.	5.1	81.5	2913.	86.	3267.	-22	56.
13 30 10	153.	142.	103.	110.	114.	2000.	7.0	83.4	3009.	85.	2991.	-34	60.
13 30 15	153.	137.	104.	116.	113.	2000.	8.8	81.2	3110.	85.	3088.	-12	59.

TIME M/N/S	PR 14 TEMP MASS GEAR CASE	PR 15 TEMP MASS MAIN FUEL CONTROL L/HENG	PR 29 TEMP SURFAC SPIKE TIP	PR 31 TEMP AIR INLET ANTI ICE FR FPA	EC 67 MANFLO VORTX GENPTR	AF 18 PRESS A/B FUEL CONTRL INLET	AF 11 PRESS A/B FUEL CONTRL OUTLET	SP 2 PRESS HYD OIL JTL SUMP	SP 4 PRESS HYD OIL OUTLET UTL PUMP	SP 6 PRESS HYD OIL INLET PRIMARY PUMP	SP 8 PRESS HYD OIL OUTLET PRIMARY PUMP	AF 14 PRESS AIR FMD FUEL TANK	AF 18 PRESS FUEL OIL COOLER OUTLET L/HENG
13 30 20	150.	134.	101.	117.	112.	2000.	5.9	80.5	3109.	84.	2993.	.01	55.
13 30 25	150.	140.	102.	112.	111.	2000.	5.9	81.7	3069.	85.	2984.	.01	59.
13 30 30	157.	143.	107.	117.	112.	2000.	6.8	83.9	3126.	85.	2889.	-.16	62.
13 30 35	157.	146.	100.	116.	112.	2000.	7.6	83.5	3126.	85.	2940.	-.01	61.
13 30 40	151.	138.	103.	116.	113.	2000.	8.8	84.2	3126.	84.	2921.	.32	62.
13 30 45	156.	146.	102.	114.	110.	2000.	7.3	78.9	3008.	85.	2972.	.35	58.
13 30 50	149.	138.	100.	119.	110.	2000.	3.4	77.9	2977.	86.	3104.	.41	60.
13 31 0	154.	142.	100.	119.	111.	2000.	4.2	80.0	2942.	86.	3240.	.37	60.
13 31 5	155.	138.	100.	114.	108.	2000.	4.9	84.3	3025.	85.	3025.	-.44	56.
13 31 10	155.	139.	101.	113.	109.	2000.	4.6	81.9	3062.	85.	3079.	.10	56.
13 31 15	150.	138.	101.	121.	112.	2000.	1.5	81.5	2947.	85.	3172.	.59	61.
13 31 20	157.	140.	101.	120.	114.	2000.	2.4	78.5	2962.	85.	3052.	.60	59.
13 31 25	163.	143.	102.	111.	122.	2000.	6.8	73.6	2942.	87.	2928.	-.34	51.
13 31 30	161.	145.	101.	114.	122.	2000.	7.1	76.5	2923.	87.	3021.	-.10	55.
13 31 35	154.	136.	103.	117.	121.	2000.	5.9	82.3	3060.	86.	3001.	-.38	61.
13 31 40	154.	136.	101.	118.	119.	2000.	6.1	82.1	3082.	87.	2950.	-.14	59.
13 31 45	164.	150.	101.	106.	116.	2000.	3.4	82.4	2947.	87.	3080.	0.00	60.
13 32 17	168.	154.	100.	107.	114.	2000.	3.7	84.2	2947.	87.	3033.	.07	60.
13 32 22	174.	154.	101.	100.	105.	2000.	5.4	82.3	2986.	88.	3055.	.03	56.
13 32 35	165.	150.	102.	106.	106.	2000.	3.2	74.9	2964.	88.	3072.	0.00	59.
13 32 38	165.	150.	102.	112.	108.	2000.	2.9	75.5	3021.	85.	2952.	.81	55.
13 32 37	163.	145.	102.	114.	108.	2000.	2.2	76.7	2996.	87.	2996.	.05	55.
13 32 42	160.	142.	103.	119.	108.	2000.	3.4	77.4	3055.	86.	2962.	.07	56.
13 32 47	166.	148.	102.	113.	108.	2000.	3.9	81.5	2981.	87.	2984.	.03	57.
13 32 57	166.	144.	101.	112.	106.	2000.	3.4	85.2	3011.	87.	2928.	.84	56.
13 33 2	166.	148.	101.	112.	107.	2000.	4.2	85.3	2994.	87.	2959.	.01	56.
13 33 2	175.	154.	102.	105.	108.	2000.	1.0	86.2	3045.	87.	3006.	.16	55.
13 33 7	170.	153.	102.	109.	107.	2000.	3.2	84.8	2967.	86.	3040.	.13	55.
13 33 12	165.	147.	97.	111.	106.	168.	4.4	85.5	3006.	85.	3172.	.01	55.
13 33 17	177.	152.	101.	107.	107.	1034.	3.9	82.8	3060.	86.	3011.	.01	57.
13 33 27	169.	154.	101.	113.	108.	2000.	8.8	84.3	2986.	86.	2998.	.09	55.
13 33 33	169.	152.	101.	111.	107.	2000.	7.8	81.2	3016.	87.	2957.	.07	56.
13 33 38	169.	160.	96.	112.	107.	2000.	5.9	87.7	2933.	86.	2986.	.13	58.
13 33 51	170.	160.	95.	108.	107.	2000.	4.4	86.0	2972.	87.	3018.	-.06	54.
13 33 53	169.	149.	102.	114.	107.	2000.	2.9	86.8	3060.	88.	3011.	.16	57.
13 33 58	169.	155.	102.	112.	106.	2000.	3.9	83.0	3072.	87.	2969.	.10	55.
13 33 53	172.	162.	99.	106.	108.	2000.	7.3	85.6	2981.	86.	3011.	0.00	55.
13 33 56	169.	159.	101.	109.	107.	2000.	6.4	83.9	2984.	86.	3079.	.08	56.
13 34 3	163.	146.	102.	123.	106.	2000.	3.9	82.1	2962.	88.	2913.	0.00	52.
13 34 8	160.	149.	102.	119.	107.	2000.	5.4	79.8	2972.	87.	2940.	.19	54.
13 34 13	167.	158.	101.	111.	106.	2000.	3.4	84.0	2981.	87.	3058.	.13	55.
13 34 18	157.	153.	102.	113.	107.	2000.	3.9	81.2	3018.	88.	3011.	.15	58.
13 34 23	172.	165.	102.	100.	107.	2000.	8.8	86.5	2981.	88.	3025.	.09	56.
13 34 29	168.	154.	102.	107.	108.	2000.	7.3	87.1	2924.	88.	3011.	.02	57.
13 34 42	174.	164.	101.	103.	107.	2000.	3.9	72.3	2974.	87.	3011.	.23	59.
13 34 53	174.	164.	101.	105.	107.	2000.	4.6	71.6	2950.	87.	2989.	.07	58.
13 34 53	177.	167.	101.	105.	107.	1338.	2.9	81.9	3001.	88.	3221.	0.00	58.
13 34 44	174.	161.	102.	106.	108.	1761.	4.4	83.2	3001.	88.	3150.	-.04	58.
13 34 49	169.	157.	102.	115.	110.	1713.	7.8	81.5	3011.	86.	2693.	.04	55.

TIME H/M/S	PR 14 TEMP MASS GEAR CASE	PR 15 TEMP MASS MAIN FUEL CONTROL L/HENG	PR 29 TEMP SURFAC SPIKE TYP	PR 31 TEMP AIR INLET ANTI ICE FR FRA	EC 67 TEMP MANFLO VORTEX GENRTR	AF 10 PRESS A/B FUEL CONTRL INLET	AF 11 PRESS A/B FUEL CONTRL OUTLET	SP 2 PRESS HYD OIL INLET JTL PUMP	SP 4 PRESS HYD OIL OUTLET UTL PUMP	SP 6 PRESS HYD OIL INLET PRIMRY PUMP	SP 8 PRESS HYD OIL OUTLET PRIMRY PUMP	AF 14 PRESS AIR FWD FUEL TANK	AF 18 PRESS FUEL OIL COOLER OUTLET L/HENG
13 34 59	170.	154.	182.	111.	110.	1856.	6.6	88.6	3011.	86.	2928.	.03	55.
13 35 4	171.	156.	182.	105.	109.	2000.	3.9	85.9	3094.	88.	3011.	.18	58.
13 35 9	178.	156.	182.	108.	110.	2000.	4.4	98.8	3060.	74.	2928.	.10	57.
13 35 14	171.	160.	183.	118.	108.	1984.	3.4	90.3	3030.	62.	2864.	.18	59.
13 35 19	169.	160.	183.	110.	108.	1934.	6.6	87.2	3016.	62.	2871.	.01	55.
13 35 24	176.	158.	183.	103.	107.	1888.	5.4	84.8	2869.	87.	2986.	.01	55.
13 35 29	174.	160.	183.	106.	108.	1834.	3.9	74.9	2930.	75.	2984.	.18	54.
13 35 34	168.	156.	185.	116.	109.	1986.	7.8	65.7	2977.	63.	2981.	.03	58.
13 35 39	166.	151.	184.	115.	108.	1993.	7.1	68.8	2925.	63.	2928.	.06	58.
13 35 44	171.	169.	184.	106.	108.	1892.	3.9	68.0	2933.	63.	2933.	.18	57.
13 35 49	174.	171.	183.	104.	108.	1946.	7.6	71.3	2972.	75.	2955.	.11	58.
13 35 54	174.	174.	183.	113.	110.	2000.	2.9	83.6	3006.	86.	3008.	.03	55.
13 35 59	179.	177.	183.	118.	111.	2000.	3.4	83.4	2994.	86.	3033.	.01	54.
13 36 4	169.	167.	186.	112.	110.	2000.	.5	79.8	3030.	87.	2952.	.06	59.
13 36 9	178.	165.	185.	112.	111.	2000.	7.3	78.8	3030.	87.	2952.	.05	68.
13 36 14	177.	175.	185.	99.	113.	2000.	6.6	82.4	3025.	85.	3094.	.10	58.
13 36 19	175.	174.	181.	108.	113.	2000.	6.6	82.4	3033.	84.	3055.	.08	55.
13 36 24	176.	179.	99.	105.	112.	2000.	3.4	81.8	3048.	85.	3048.	.04	57.
13 36 29	175.	179.	98.	111.	114.	2000.	3.4	79.8	3048.	84.	3013.	.01	57.
13 36 34	177.	173.	100.	117.	115.	2000.	2.9	82.4	2996.	86.	2991.	.12	54.
13 36 39	167.	170.	183.	116.	112.	2000.	6.8	82.8	3086.	85.	2955.	.18	56.
13 36 44	176.	171.	183.	105.	115.	2000.	2.0	78.0	3060.	85.	2937.	.18	58.
13 36 49	175.	172.	183.	111.	114.	2000.	2.9	81.9	3030.	85.	2986.	.18	57.
13 36 54	182.	182.	184.	104.	115.	1842.	3.9	83.6	2972.	86.	3048.	.11	56.
13 36 59	178.	178.	184.	115.	114.	70.	5.9	73.8	3003.	85.	2996.	.15	54.
13 37 4	171.	166.	182.	115.	114.	72.	6.6	82.7	2959.	85.	3011.	.15	55.
13 37 9	173.	171.	183.	111.	113.	88.	3.9	80.2	2981.	88.	2952.	.03	68.
13 37 14	173.	167.	182.	105.	103.	79.	5.9	80.9	2999.	87.	2938.	.04	57.
13 37 19	173.	167.	184.	110.	118.	76.	.5	84.2	3030.	84.	2981.	.09	56.
13 37 24	173.	167.	184.	105.	111.	84.	4.4	84.1	3008.	85.	2957.	.11	54.
13 37 29	176.	173.	184.	103.	114.	74.	6.6	81.7	3008.	86.	2981.	.15	58.
13 37 34	173.	173.	183.	103.	115.	82.	6.6	85.1	2981.	86.	2986.	.15	57.
13 37 39	177.	173.	183.	103.	115.	82.	7.8	76.2	3030.	87.	2947.	.41	59.
13 37 44	179.	176.	183.	101.	116.	64.	8.3	81.7	2959.	86.	2979.	.45	59.
13 37 49	173.	173.	183.	107.	119.	57.	18.8	75.8	2913.	87.	2889.	1.10	59.
13 37 54	175.	186.	183.	114.	128.	64.	8.3	78.4	2933.	85.	2983.	1.09	58.
13 37 59	171.	179.	184.	109.	130.	68.	8.0	81.1	3048.	86.	3110.	1.89	56.
13 38 4	161.	164.	185.	97.	129.	66.	8.1	82.2	2977.	85.	3162.	1.46	59.
13 38 9	164.	171.	184.	106.	123.	66.	15.6	81.1	2977.	87.	2825.	.98	66.
13 38 14	163.	171.	183.	112.	108.	55.	15.9	81.4	3192.	86.	2825.	.70	66.
13 38 19	158.	174.	182.	112.	111.	58.	10.8	80.8	3096.	86.	3069.	2.11	63.
13 38 24	168.	168.	183.	116.	112.	61.	10.8	80.8	2854.	83.	3299.	2.50	68.
13 38 29	167.	167.	183.	111.	110.	64.	13.0	81.2	3052.	81.	3138.	2.23	61.
13 38 34	168.	174.	184.	108.	111.	51.	17.1	80.2	2791.	81.	3099.	2.31	61.
13 38 39	165.	170.	184.	108.	111.	53.	24.4	79.5	3030.	84.	3167.	3.04	66.
13 38 44	167.	174.	184.	107.	110.	52.	19.6	79.8	3079.	85.	2884.	2.82	66.
13 38 49	173.	172.	184.	112.	107.	51.	13.7	81.2	2967.	84.	2884.	4.90	64.
13 38 54	177.	175.	183.	111.	107.	49.	13.2	80.7	3084.	84.	2969.	4.25	62.

TIME H/M/S	PR 14 TEMP MASS GEAR CASE	PR 15 TEMP MASS MAIN FUEL CONTRL L/HENG	PR 29 TEMP SURFAC SPIKE TIP	PR 31 TEMP AIR INLET ANTI ICE FR FRA	EC 67 TEMP MANFLO VORTEX GEOMTR	AF 10 PRESS A/B FUEL CONTRL INLET	AF 11 PRESS A/B FUEL CONTRL OUTLET	SP 2 PRESS HYD OIL INLET JTL PUMP	SP 4 PRESS HYD OIL OUTLET UTL PUMP	SP 6 PRESS HYD OIL INLET PRIMARY PUMP	SP 8 PRESS HYD OIL OUTLET PRIMARY PUMP	AF 14 PRESS AIR FWD FUEL TANK	AF 18 PRESS FUEL OIL COOLER OUTLET L/HENG
13 58 46	174.	172.	103.	112.	108.	59.	17.6	77.6	2791.	89.	3030.	2.98	66.
13 58 51	171.	165.	104.	116.	109.	50.	13.9	78.2	3016.	90.	2964.	3.61	64.
13 58 56	177.	152.	104.	117.	110.	55.	4.3	79.0	2972.	84.	3011.	4.16	56.
13 59 1	180.	162.	103.	118.	110.	54.	5.6	77.3	2969.	84.	3008.	4.08	57.
13 59 6	178.	160.	103.	126.	118.	51.	4.4	76.2	2977.	84.	2991.	3.99	55.
13 59 11	178.	161.	101.	120.	109.	56.	2.7	76.2	3008.	84.	2947.	4.11	55.
13 59 16	188.	171.	106.	114.	112.	53.	4.4	80.5	2835.	84.	2813.	4.19	54.
13 59 21	185.	170.	104.	116.	111.	53.	3.7	81.5	2889.	85.	2959.	4.20	57.
14 6 3	185.	174.	102.	115.	111.	57.	3.9	78.6	3050.	82.	2913.	4.27	54.
14 6 8	183.	180.	102.	108.	114.	59.	6.1	78.5	2761.	84.	3001.	2.46	56.
14 6 13	181.	161.	103.	107.	118.	70.	7.3	72.6	2981.	88.	2991.	.81	59.
14 6 18	178.	178.	104.	106.	119.	69.	6.8	84.2	2977.	87.	3021.	.98	56.
14 6 23	178.	177.	105.	106.	118.	63.	6.8	83.4	2889.	87.	2983.	1.16	57.
14 6 33	169.	177.	104.	118.	120.	61.	7.3	87.6	2928.	86.	3008.	1.11	57.
14 6 38	173.	182.	103.	117.	117.	66.	9.8	88.9	3040.	87.	2952.	1.29	63.
45 85 95	171.	168.	103.	113.	117.	63.	8.3	79.2	2942.	86.	2913.	1.29	55.
14 13 14	180.	176.	106.	108.	152.	66.	5.4	85.8	3038.	87.	3016.	1.13	59.
14 13 19	178.	179.	105.	116.	152.	48.	6.6	83.3	3055.	87.	3006.	.45	59.
14 53 24	169.	169.	104.	118.	152.	68.	5.9	79.6	2933.	88.	2947.	.60	57.
14 13 29	175.	179.	106.	110.	144.	66.	6.4	81.3	3011.	88.	2955.	.67	52.
14 13 34	177.	189.	105.	127.	152.	59.	6.4	83.3	2986.	89.	3123.	.75	61.
14 13 34	171.	141.	106.	118.	153.	66.	6.4	82.6	2981.	89.	3096.	.70	61.
45 85 85	165.	170.	110.	114.	153.	70.	8.1	84.3	2942.	89.	3016.	.68	59.
45 85 85	171.	181.	112.	122.	152.	67.	8.1	82.1	2967.	88.	3008.	.62	58.
14 16 8	178.	186.	108.	116.	153.	59.	9.5	81.1	3079.	88.	2937.	.60	62.
14 16 5	167.	179.	105.	128.	151.	65.	5.4	82.3	2937.	86.	2913.	.70	51.
14 16 10	173.	182.	105.	122.	149.	65.	6.6	89.3	3111.	88.	2977.	.67	48.
14 16 15	185.	183.	108.	117.	143.	66.	4.9	96.6	2879.	89.	2752.	.57	15.
14 16 21	187.	183.	107.	116.	143.	49.	6.6	95.7	2859.	90.	2813.	.59	13.
14 16 26	193.	182.	107.	116.	142.	-624.	3.4	92.8	2854.	90.	2732.	.68	5.
14 16 31	195.	182.	106.	115.	141.	-834.	4.9	102.1	1425.	102.	1474.	.61	4.
14 16 36	199.	181.	105.	116.	139.	-1050.	5.9	106.5	103.	100.	29.	.63	2.
45 85 85	202.	182.	105.	113.	139.	-1064.	.7	105.8	93.	107.	39.	.61	1.
14 18 21	195.	183.	106.	113.	136.	-1075.	4.9	101.6	15.	96.	-5.	.62	6.
14 18 27	183.	182.	106.	116.	132.	-1070.	4.9	98.5	5.	94.	-18.	.66	4.
14 18 32	186.	181.	106.	116.	127.	-1077.	7.3	95.2	88.	95.	24.	.63	6.
14 18 37	189.	180.	106.	116.	127.	-1080.	6.4	95.7	42.	94.	2.	.65	5.
14 18 42	188.	180.	106.	116.	126.	-1083.	5.9	95.0	5.	95.	44.	.65	4.
14 18 55	186.	178.	107.	116.	127.	-1085.	4.9	95.6	29.	93.	29.	.67	3.
14 18 52	182.	179.	107.	116.	126.	-1085.	4.4	95.6	54.	92.	-5.	.65	5.
14 18 57	186.	191.	106.	116.	125.	-1083.	5.9	95.3	5.	93.	-10.	.69	4.
14 19 2	186.	181.	106.	115.	127.	-1091.	6.4	95.2	20.	93.	24.	.73	5.
14 19 7	187.	180.	106.	114.	128.	-1097.	4.9	95.0	44.	93.	7.	.70	4.
0 1 12	186.	180.	108.	116.	122.	-1089.	6.1	95.0	37.	94.	5.	.57	3.
											17.	.60	4.

C COMMUTATOR

TIME W/M/S	AF 21 PRESS A/B	AF 23 PRESS OIL	PR 21 PRESS OIL	PR 23 PRESS OIL	AF 12 PRESS FUEL	AF 13 PRESS FUEL	AF 24 PRESS P+D	AF 25 PRESS P+D	AF 30 PRESS OUTLET	AF 35 TEMP SKIN	EC 106 TEMP AMB	EC 107 TEMP AMB	EC 108 TEMP AMB
12 55 53	1.	0.	1.	-2.	5.	.4	1.	-4.	1.	121.	103.	300.	103.
12 55 50	1.	0.	2.	-11.	-1.	.3	0.	-3.	1.	121.	103.	223.	103.
12 56 3	1.	0.	2.	-7.	3.	1.0	9.	0.	2.	122.	103.	141.	103.
12 56 8	1.	0.	2.	-2.	2.	0	5.	0.	2.	122.	103.	143.	103.
12 56 13	1.	1.	2.	-2.	2.	.8	-1.	-1.	2.	121.	101.	144.	103.
12 56 10	1.	0.	2.	-3.	5.	.7	-0.	-1.	2.	121.	101.	149.	102.
12 56 20	1.	0.	2.	-2.	0.	.5	1.	-4.	2.	121.	102.	177.	103.
12 56 33	0.	0.	1.	-3.	5.	.9	1.	3.	1.	121.	102.	178.	103.
12 56 30	2.	0.	-1.	-2.	-4.	0	0.	-4.	2.	118.	102.	185.	102.
12 56 43	1.	0.	0.	-1.	-1.	0	-1.	-4.	2.	120.	101.	177.	106.
12 56 51	1.	0.	2.	-1.	0.	0	-4.	0.	2.	121.	103.	134.	100.
12 56 40	1.	0.	2.	-1.	6.	.4	-2.	-2.	2.	121.	103.	142.	102.
12 56 53	0.	0.	1.	-4.	7.	.7	10.	-3.	1.	122.	103.	179.	106.
12 56 58	1.	0.	1.	-3.	5.	.5	5.	-3.	2.	122.	99.	177.	104.
12 57 3	1.	0.	0.	-3.	0.	0	0.	-2.	1.	121.	103.	173.	102.
12 57 0	1.	0.	0.	-3.	1.	0	1.	-2.	2.	121.	103.	161.	103.
13 22 20	1.	0.	3.	-3.	6.	26.0	2.	-1.	1.	116.	101.	186.	101.
13 22 25	2.	0.	2.	-0.	3.	33.7	2.	-1.	3.	115.	102.	170.	101.
13 22 30	16.	1.	0.	3.	45.	25.0	5.	0.	15.	115.	107.	187.	105.
13 22 35	22.	1.	1.	6.	77.	25.0	44.	2.	27.	114.	106.	171.	104.
13 22 40	46.	0.	12.	39.	137.	25.2	109.	5.	64.	114.	101.	145.	99.
13 22 45	46.	0.	14.	45.	159.	24.9	131.	5.	65.	113.	102.	143.	100.
13 22 50	49.	1.	15.	47.	196.	25.4	155.	10.	70.	114.	101.	174.	101.
13 23 0	50.	1.	13.	45.	202.	24.9	166.	14.	72.	115.	101.	174.	101.
13 23 5	51.	1.	17.	43.	206.	24.0	100.	31.	74.	114.	103.	146.	102.
13 23 10	51.	0.	17.	41.	211.	23.8	179.	30.	74.	114.	103.	141.	102.
13 23 15	52.	1.	12.	45.	194.	23.4	172.	29.	73.	115.	106.	162.	105.
13 24 43	52.	1.	13.	43.	214.	23.0	104.	41.	73.	114.	107.	165.	104.
13 24 48	52.	1.	15.	42.	250.	23.4	210.	51.	75.	107.	100.	186.	103.
13 24 61	52.	1.	15.	43.	253.	23.7	224.	50.	75.	112.	107.	172.	102.
13 24 58	53.	1.	15.	44.	264.	24.5	207.	67.	73.	114.	106.	153.	100.
13 25 3	51.	1.	15.	44.	260.	24.2	214.	67.	72.	114.	107.	155.	101.
13 25 8	51.	1.	15.	44.	261.	23.4	227.	50.	74.	110.	103.	155.	101.
13 25 13	52.	1.	15.	45.	245.	23.6	225.	64.	75.	112.	106.	171.	103.
13 25 18	51.	1.	16.	44.	246.	22.7	230.	60.	73.	114.	106.	156.	101.
13 25 23	51.	1.	16.	47.	253.	22.7	231.	60.	75.	113.	105.	156.	103.
13 25 28	52.	1.	15.	50.	251.	24.0	222.	67.	73.	110.	105.	154.	101.
13 25 33	52.	1.	16.	43.	249.	24.6	220.	65.	74.	111.	105.	154.	101.
13 25 43	52.	1.	16.	45.	256.	25.2	232.	62.	75.	114.	105.	152.	101.
13 25 48	51.	1.	16.	45.	263.	25.3	227.	64.	75.	114.	105.	169.	102.
13 25 53	51.	1.	16.	45.	260.	23.9	231.	66.	73.	114.	100.	169.	101.
13 25 58	50.	1.	16.	45.	255.	23.9	231.	64.	73.	114.	100.	163.	100.
13 25 58	52.	1.	14.	40.	243.	24.0	227.	64.	73.	114.	107.	187.	99.
13 26 3	51.	1.	15.	43.	257.	23.3	232.	60.	70.	112.	100.	178.	102.
13 26 6	52.	1.	16.	54.	246.	21.5	217.	50.	70.	114.	100.	159.	97.

TIME H/M/S	AF 21 PRESS A/B	AF 23 PRESS OIL TANK 12THQ L/HENG	PR 21 PRESS OIL INLET CSD L/HENG	PR 23 PRESS OIL OUTLET CSD L/HENG	AF 12 PRESS FUEL CONTRL OUTLET L/HENG	AF 13 PRESS FUEL BOOST PUMP OUTLET L/HENG	AF 24 PRESS P+D VALVE PRIMARY OUTLET L/HENG	AF 25 PRESS P+D VALVE SEC OUTLET L/HENG	AF 30 PRESS OUTLET LIBE PUMP MAIN L/HENG	AF 35 TEMP SKIN MASS STA 372	EC 106 TEMP AMS HMM FMO L/H	EC 107 TEMP AMS HMM FMO R/H	EC 108 TEMP AMS HMM AFT L/H
13 26 13	52.	1.	16.	51.	254.	23.3	222.	50.	72.	112.	100.	176.	181.
13 26 18	51.	1.	16.	47.	266.	23.7	210.	62.	72.	110.	105.	154.	185.
13 26 23	50.	1.	17.	53.	264.	23.3	213.	65.	72.	110.	104.	155.	185.
13 26 29	52.	1.	15.	49.	265.	23.9	210.	67.	71.	114.	106.	183.	98.
13 26 34	51.	1.	16.	50.	263.	23.7	217.	64.	72.	112.	107.	171.	182.
13 26 39	51.	0.	17.	52.	276.	22.6	221.	62.	72.	118.	108.	191.	188.
13 26 44	51.	0.	17.	49.	255.	23.1	221.	55.	72.	112.	105.	186.	103.
13 26 49	50.	0.	17.	50.	247.	24.2	228.	58.	72.	112.	103.	179.	95.
13 26 54	50.	1.	15.	49.	247.	24.3	223.	60.	72.	112.	105.	178.	188.
13 26 59	51.	0.	15.	44.	251.	23.1	223.	65.	72.	114.	107.	151.	188.
13 27 4	51.	0.	15.	46.	248.	23.2	217.	61.	73.	113.	107.	171.	183.
13 27 9	50.	1.	17.	45.	257.	23.4	227.	57.	73.	114.	105.	180.	183.
13 27 14	51.	1.	17.	51.	259.	23	218.	57.	74.	113.	106.	166.	99.
13 27 19	49.	0.	17.	45.	254.	24.5	224.	60.	78.	110.	109.	194.	183.
13 27 24	50.	1.	17.	50.	259.	24.9	227.	60.	77.	111.	107.	174.	181.
13 27 29	51.	1.	17.	53.	266.	23.5	229.	60.	78.	112.	108.	178.	181.
13 27 34	50.	1.	16.	51.	262.	23.7	225.	72.	80.	110.	109.	184.	181.
13 27 39	50.	0.	17.	52.	254.	24.2	232.	75.	86.	111.	105.	175.	184.
13 27 44	50.	1.	17.	55.	258.	24.4	238.	73.	88.	111.	106.	168.	185.
13 27 49	50.	1.	17.	57.	267.	24.0	221.	69.	91.	103.	108.	157.	187.
13 27 54	50.	1.	17.	56.	259.	23.6	223.	67.	91.	103.	109.	166.	182.
13 27 59	50.	1.	16.	54.	251.	24.3	220.	70.	97.	111.	106.	183.	183.
13 28 4	50.	1.	16.	54.	248.	24.3	219.	70.	98.	109.	107.	185.	183.
13 28 9	50.	1.	16.	54.	256.	23.4	224.	60.	101.	110.	108.	178.	98.
13 28 19	50.	0.	16.	54.	266.	23.2	224.	62.	104.	111.	108.	168.	181.
13 28 24	49.	1.	17.	52.	263.	22.8	225.	81.	109.	112.	106.	154.	181.
13 28 29	50.	1.	16.	53.	270.	23.1	227.	75.	108.	112.	106.	166.	188.
13 28 34	49.	0.	18.	53.	261.	22.9	221.	58.	109.	111.	106.	198.	187.
13 28 39	49.	0.	17.	55.	259.	22.9	217.	66.	111.	111.	106.	198.	187.
13 28 44	49.	1.	16.	51.	265.	24.6	228.	65.	117.	109.	107.	192.	185.
13 28 49	49.	0.	18.	46.	249.	23.4	223.	52.	121.	110.	109.	193.	189.
13 28 54	49.	0.	17.	58.	247.	24.0	225.	59.	120.	110.	105.	193.	186.
13 29 5	49.	1.	16.	52.	260.	24.4	229.	69.	119.	113.	107.	167.	188.
13 29 14	49.	1.	16.	52.	248.	24.5	232.	63.	117.	110.	108.	179.	188.
13 29 15	49.	0.	14.	46.	257.	22.8	220.	45.	121.	112.	108.	193.	186.
13 29 20	49.	1.	15.	48.	253.	23.2	219.	54.	119.	110.	105.	193.	185.
13 29 25	49.	0.	20.	52.	249.	23.5	210.	56.	119.	109.	105.	170.	186.
13 29 30	48.	1.	18.	55.	251.	23.3	216.	63.	119.	107.	106.	168.	186.
13 29 35	48.	0.	18.	51.	249.	23.8	216.	61.	113.	108.	107.	154.	182.
13 29 40	48.	0.	19.	51.	246.	23.6	212.	64.	116.	108.	107.	153.	183.
13 29 45	49.	1.	18.	53.	251.	23.5	217.	51.	115.	110.	106.	176.	183.
13 29 50	50.	1.	18.	52.	246.	23.3	210.	58.	116.	110.	107.	179.	188.
13 29 55	49.	0.	19.	52.	239.	23.9	214.	55.	128.	108.	107.	185.	183.
13 30 0	48.	1.	20.	53.	249.	23.9	217.	54.	113.	110.	107.	161.	185.
13 30 5	48.	1.	19.	55.	249.	24.3	219.	57.	115.	110.	107.	168.	184.
13 30 10	47.	0.	18.	51.	256.	23.6	200.	69.	118.	110.	109.	194.	188.
13 30 15	48.	0.	19.	52.	257.	23.3	210.	60.	118.	109.	107.	192.	186.

TIME H/M/S	AF 21 PRESS A/B	AF 23 PRESS OIL	PR 21 PRESS OIL	PR 23 PRESS OIL	AF 12 PRESS FUEL	AF 13 PRESS FUEL	AF 24 PRESS P+D	AF 25 PRESS P+D	AF 30 PRESS OUTLET	AF 35 TEMP SKIN	EC 106 TEMP AMB	EC 107 TEMP AMB	EC 108 TEMP AMB
13 38 20	48.	1.	18.	54.	256.	23.8	216.	51.	118.	110.	110.	196.	106.
13 30 25	48.	1.	18.	53.	243.	24.1	216.	51.	119.	110.	118.	194.	106.
13 30 30	48.	0.	18.	49.	246.	23.4	217.	56.	117.	109.	118.	177.	97.
13 30 35	48.	0.	20.	58.	245.	23.4	214.	57.	116.	118.	118.	177.	97.
13 38 40	48.	1.	19.	53.	246.	24.2	225.	55.	118.	95.	108.	174.	103.
13 38 45	48.	1.	18.	54.	246.	24.3	223.	64.	118.	103.	107.	166.	98.
13 30 55	49.	1.	17.	48.	252.	22.2	204.	65.	115.	118.	109.	156.	101.
13 31 0	49.	0.	18.	48.	247.	23.2	211.	62.	115.	118.	108.	171.	95.
13 31 5	49.	1.	16.	58.	238.	23.4	212.	47.	116.	110.	109.	165.	101.
13 31 10	49.	1.	16.	54.	240.	23.2	217.	56.	118.	110.	109.	163.	108.
13 31 15	47.	0.	17.	48.	258.	24.0	213.	60.	115.	110.	108.	169.	100.
13 31 15	48.	1.	17.	50.	247.	24.8	215.	67.	116.	110.	108.	188.	100.
13 31 20	48.	0.	19.	46.	234.	23.7	211.	70.	116.	110.	108.	194.	100.
13 31 25	48.	1.	19.	51.	246.	24.3	216.	67.	115.	111.	118.	186.	103.
13 31 30	48.	8.	19.	52.	251.	23.9	220.	71.	115.	111.	118.	186.	103.
13 31 35	48.	0.	19.	55.	251.	24.0	151.	58.	114.	110.	112.	184.	182.
13 31 40	45.	0.	19.	63.	209.	24.2	166.	10.	110.	105.	112.	171.	183.
13 32 17	46.	0.	19.	57.	207.	24.6	172.	21.	109.	107.	112.	174.	182.
13 32 22	45.	0.	20.	51.	204.	24.8	177.	25.	109.	108.	111.	172.	183.
13 32 35	45.	0.	20.	55.	202.	24.6	173.	23.	107.	109.	110.	166.	181.
13 32 32	45.	0.	21.	53.	285.	24.3	176.	18.	110.	105.	112.	189.	97.
13 32 37	45.	1.	21.	58.	204.	24.4	173.	21.	111.	107.	112.	191.	181.
13 32 42	46.	1.	18.	59.	208.	23.9	174.	26.	112.	108.	110.	158.	181.
13 32 47	46.	1.	19.	53.	204.	24.6	173.	23.	113.	108.	111.	173.	99.
13 32 57	46.	8.	19.	50.	282.	24.5	172.	30.	111.	109.	110.	169.	187.
13 33 2	46.	0.	19.	51.	199.	24.2	168.	23.	110.	109.	112.	178.	182.
13 33 2	47.	1.	22.	57.	282.	24.5	163.	21.	110.	109.	112.	198.	188.
13 33 7	46.	1.	21.	52.	206.	24.2	167.	21.	109.	109.	111.	181.	182.
13 33 12	45.	1.	19.	51.	205.	25.1	165.	23.	113.	110.	113.	176.	187.
13 33 17	46.	1.	19.	54.	285.	24.2	171.	22.	113.	109.	113.	188.	186.
13 33 27	46.	0.	22.	56.	209.	25.0	188.	19.	109.	108.	112.	184.	99.
13 33 33	46.	0.	21.	57.	283.	24.6	174.	25.	110.	189.	111.	175.	183.
13 33 38	46.	1.	18.	56.	205.	25.8	165.	26.	109.	109.	112.	169.	96.
13 33 51	46.	1.	18.	55.	282.	24.4	164.	27.	110.	109.	112.	184.	100.
13 33 48	45.	0.	20.	46.	202.	24.4	182.	26.	110.	110.	112.	167.	109.
13 33 53	45.	0.	19.	51.	199.	24.1	174.	26.	110.	110.	114.	183.	185.
13 33 53	47.	0.	18.	58.	199.	23.5	176.	27.	111.	108.	113.	179.	183.
13 33 58	46.	1.	20.	50.	199.	23.4	171.	28.	111.	108.	114.	186.	108.
13 34 3	45.	0.	18.	49.	187.	25.4	161.	32.	109.	106.	114.	196.	184.
13 34 8	46.	0.	19.	51.	194.	25.2	161.	30.	110.	108.	114.	196.	184.
13 34 13	46.	0.	19.	49.	202.	24.4	164.	28.	110.	108.	114.	180.	102.
13 34 18	46.	0.	20.	49.	202.	24.4	164.	28.	110.	108.	114.	180.	102.
13 34 23	45.	1.	20.	56.	211.	24.5	174.	25.	112.	107.	115.	194.	99.
13 34 29	45.	1.	20.	51.	204.	24.8	176.	22.	109.	111.	112.	167.	186.
13 34 42	45.	1.	21.	53.	199.	24.4	172.	22.	110.	109.	112.	183.	107.
13 34 39	45.	1.	21.	51.	199.	24.3	171.	21.	109.	110.	112.	175.	106.
13 34 44	47.	0.	19.	56.	199.	24.5	163.	30.	110.	109.	114.	198.	181.
13 34 49	46.	0.	19.	53.	201.	24.3	165.	30.	110.	109.	114.	198.	181.
13 34 54	46.	1.	19.	51.	204.	23.3	172.	30.	109.	108.	115.	182.	105.
13 34 54	46.	1.	172.	51.	204.	23.3	172.	30.	109.	108.	115.	182.	105.

TIME H/M/S	AF 21 PRESS A/B OIL COOLER OUTLET L/HENG	AF 23 PRESS OIL TANK BTRHP L/HENG	PR 21 PRESS OIL INLET CSD L/HENG	PR 23 PRESS OIL OUTLET CSD L/HENG	AF 12 PRESS FUEL CONTROL OUTLET L/HENG	AF 13 PRESS FUEL BCOST PUMP OUTLET L/HENG	AF 24 PRESS P+D VALVE PRIMARY OUTLET L/HENG	1F 25 PRESS P+D VALVE SEC OUTLET L/HENG	AF 30 PRESS OUTLET LIBE PUMP MAIN L/HENG	AF 35 TEMP SKIN MASS STA 372	EC 106 TEMP AMB MMW FMD L/H	EC 107 TEMP AMB MMW FMD R/H	EC 108 TEMP AMB MMW AFT L/H
13 34 59	46.	1.	19.	52.	203.	24.0	174.	23.	109.	189.	114.	178.	105.
13 35 4	45.	0.	21.	44.	202.	23.9	178.	18.	107.	180.	113.	182.	108.
13 35 9	46.	1.	19.	48.	196.	24.4	173.	22.	107.	185.	114.	181.	187.
13 35 14	46.	0.	20.	58.	205.	23.0	163.	23.	109.	189.	116.	194.	96.
13 35 19	46.	0.	20.	61.	200.	23.6	166.	26.	110.	189.	115.	182.	96.
13 35 24	46.	1.	21.	54.	199.	24.1	178.	17.	112.	185.	185.	178.	95.
13 35 29	46.	0.	20.	59.	194.	24.4	172.	25.	110.	189.	109.	189.	108.
13 35 34	45.	0.	20.	50.	191.	23.4	166.	29.	109.	188.	116.	191.	99.
13 35 39	46.	0.	20.	50.	201.	24.1	174.	24.	111.	188.	115.	188.	184.
13 35 44	47.	1.	20.	54.	200.	23.9	158.	21.	109.	189.	114.	188.	97.
13 35 49	46.	1.	21.	55.	199.	24.0	168.	19.	109.	188.	116.	208.	103.
13 35 54	47.	1.	23.	51.	199.	23.4	167.	29.	109.	186.	118.	208.	103.
13 35 59	46.	0.	23.	54.	202.	24.0	171.	25.	110.	187.	117.	204.	103.
13 36 4	45.	0.	24.	54.	202.	24.4	161.	25.	113.	188.	118.	193.	112.
13 36 9	45.	0.	23.	54.	204.	24.4	163.	25.	113.	187.	118.	205.	111.
13 36 14	45.	0.	23.	56.	202.	24.3	169.	21.	117.	187.	116.	182.	106.
13 36 19	45.	0.	23.	55.	199.	23.9	165.	25.	112.	187.	119.	197.	107.
13 36 24	46.	1.	21.	55.	202.	24.1	157.	32.	110.	188.	119.	191.	105.
13 36 29	46.	1.	22.	58.	195.	24.4	159.	27.	110.	188.	118.	187.	105.
13 36 34	46.	1.	23.	53.	199.	24.1	179.	23.	109.	187.	120.	212.	107.
13 36 39	46.	1.	22.	55.	198.	24.5	178.	26.	110.	187.	128.	233.	189.
13 36 44	46.	1.	23.	55.	193.	24.2	163.	29.	109.	188.	117.	194.	112.
13 36 49	46.	1.	22.	53.	192.	24.4	164.	29.	108.	187.	118.	194.	109.
13 36 54	46.	1.	21.	60.	199.	24.0	166.	31.	115.	189.	116.	206.	181.
13 36 59	46.	1.	21.	57.	193.	24.1	166.	28.	112.	189.	112.	196.	106.
13 37 4	46.	0.	18.	54.	199.	24.0	169.	28.	111.	189.	119.	214.	111.
13 37 9	45.	0.	20.	55.	199.	23.8	166.	28.	112.	186.	119.	214.	112.
13 37 14	45.	0.	21.	58.	210.	24.4	169.	27.	109.	188.	114.	186.	118.
13 37 19	45.	0.	21.	57.	210.	24.4	171.	25.	111.	187.	115.	187.	112.
13 37 24	47.	1.	21.	57.	185.	23.9	167.	32.	111.	186.	118.	212.	112.
13 37 29	47.	1.	21.	56.	198.	24.0	168.	30.	110.	188.	117.	201.	111.
13 37 34	45.	0.	22.	57.	199.	23.5	177.	21.	109.	187.	117.	199.	108.
13 37 39	45.	0.	23.	55.	202.	23.9	172.	22.	109.	187.	117.	207.	108.
13 37 44	46.	0.	22.	60.	221.	24.4	167.	24.	111.	185.	118.	219.	109.
13 37 49	49.	1.	23.	58.	243.	25.0	205.	58.	114.	187.	119.	202.	187.
13 37 54	49.	1.	22.	58.	261.	25.8	228.	68.	114.	187.	118.	203.	186.
13 37 59	50.	1.	21.	60.	310.	25.2	269.	132.	118.	186.	117.	205.	111.
13 38 4	50.	1.	22.	60.	323.	24.6	275.	134.	119.	188.	118.	208.	118.
13 38 9	50.	1.	21.	63.	383.	25.9	347.	188.	120.	186.	118.	196.	118.
13 38 14	49.	1.	23.	58.	427.	23.9	365.	217.	122.	187.	118.	198.	106.
13 38 19	51.	1.	21.	51.	471.	27.4	448.	279.	117.	186.	117.	191.	188.
13 38 24	50.	1.	21.	54.	487.	26.1	435.	295.	120.	187.	118.	193.	189.
13 38 29	50.	1.	22.	55.	509.	23.3	432.	277.	117.	186.	128.	199.	183.
13 38 34	50.	1.	22.	53.	498.	24.5	443.	274.	120.	187.	128.	198.	187.
13 38 39	51.	1.	21.	58.	493.	25.2	434.	271.	120.	186.	116.	191.	106.
13 38 44	51.	1.	23.	56.	478.	26.0	443.	268.	118.	186.	116.	192.	184.
13 38 49	50.	1.	21.	54.	488.	26.2	424.	274.	119.	186.	116.	192.	183.
13 38 54	50.	1.	20.	55.	486.	25.3	423.	273.	121.	186.	116.	185.	184.

TIME M/M/S	AF 21 PRESS A/B	AF 23 PRESS OIL TANK BTHR L/HENG	PR 21 PRESS OIL INLET CSD L/HENG	PR 23 PRESS OIL OUTLET CSD L/HENG	AF 12 PRESS FUEL CCNTRL OUTLET L/HENG	AF 13 PRESS FUEL BOOST PUMP OUTLET L/HENG	AF 24 PRESS P/O VALVE PRIMRY OUTLET L/HENG	AF 25 PRESS P/O VALVE SEC OUTLET L/HENG	AF 30 PRESS OUTLET LIBE PUMP MAIN L/HENG	AF 35 TEMP SKIN MASS STA 372	EC 106 TEMP AMB MMH FND L/W	EC 107 TEMP AMB MMH FND R/W	EC 108 TEMP AMB MMH AFT L/W
13 50 46	51.	1.	21.	61.	479.	27.0	433.	280.	123.	107.	116.	190.	110.
13 50 51	50.	1.	22.	58.	402.	26.1	363.	206.	120.	106.	116.	197.	106.
13 50 56	47.	1.	21.	57.	197.	28.3	162.	38.	106.	106.	115.	196.	102.
13 50 1	47.	1.	22.	55.	196.	28.5	170.	34.	106.	108.	116.	196.	101.
13 50 6	45.	0.	23.	54.	196.	28.0	174.	21.	108.	105.	116.	193.	106.
13 50 11	46.	1.	23.	52.	197.	28.3	168.	24.	107.	105.	115.	195.	100.
13 50 16	46.	1.	24.	56.	196.	28.7	172.	26.	114.	110.	116.	195.	103.
13 50 21	46.	1.	23.	55.	199.	28.5	174.	23.	108.	110.	116.	196.	102.
14 6 3	47.	1.	23.	53.	193.	28.3	163.	29.	99.	107.	118.	194.	104.
14 6 8	47.	0.	23.	52.	196.	25.7	178.	27.	98.	107.	115.	209.	105.
14 6 13	46.	0.	25.	55.	205.	24.8	177.	31.	98.	111.	121.	214.	106.
14 6 18	46.	0.	24.	54.	205.	24.6	176.	28.	96.	103.	120.	214.	106.
14 6 23	45.	-0.	24.	54.	206.	24.8	175.	18.	94.	106.	120.	209.	107.
14 6 23	46.	0.	24.	55.	209.	24.7	172.	23.	95.	107.	121.	207.	107.
14 6 33	46.	0.	24.	49.	209.	25.3	176.	20.	95.	106.	122.	205.	112.
14 6 33	46.	0.	24.	56.	204.	25.2	177.	23.	95.	107.	122.	205.	110.
14 6 38	46.	-0.	26.	57.	209.	24.7	172.	30.	97.	105.	121.	224.	116.
45 05 85	46.	0.	24.	58.	204.	24.9	169.	29.	98.	105.	122.	223.	116.
14 13 14	48.	0.	23.	63.	209.	23.4	175.	34.	96.	107.	119.	194.	105.
14 13 19	48.	0.	23.	58.	205.	23.2	183.	34.	95.	107.	119.	199.	111.
14 53 24	48.	0.	23.	58.	235.	23.1	195.	38.	97.	105.	116.	234.	120.
14 13 29	47.	0.	24.	58.	217.	22.9	192.	38.	96.	107.	119.	211.	113.
14 13 29	47.	0.	25.	56.	222.	22.4	191.	36.	97.	105.	119.	227.	110.
14 13 34	46.	0.	25.	57.	234.	22.2	180.	36.	98.	106.	118.	215.	115.
0 0 0	47.	0.	24.	61.	205.	22.6	174.	40.	98.	103.	115.	231.	121.
45 05 85	48.	0.	24.	61.	203.	22.8	170.	41.	98.	105.	116.	216.	120.
45 05 85	47.	0.	24.	57.	225.	23.0	185.	36.	95.	107.	119.	201.	115.
14 16 0	47.	0.	24.	59.	216.	23.2	181.	34.	95.	108.	121.	210.	110.
14 16 5	46.	1.	24.	55.	64.	35.5	4.	15.	87.	110.	121.	217.	102.
14 16 10	36.	0.	21.	47.	76.	32.3	4.	9.	66.	109.	120.	190.	106.
14 16 15	13.	1.	11.	21.	89.	25.4	-3.	-1.	21.	106.	120.	180.	110.
14 16 21	18.	0.	12.	16.	86.	29.1	0.	-5.	16.	107.	118.	177.	100.
14 16 26	4.	0.	9.	9.	72.	40.8	-1.	2.	3.	106.	119.	200.	111.
14 15 31	3.	0.	9.	9.	55.	37.1	-2.	3.	2.	108.	119.	203.	111.
14 16 36	1.	0.	9.	6.	29.	16.0	-1.	1.	1.	108.	119.	223.	112.
45 05 85	1.	0.	8.	7.	18.	16.0	0.	2.	1.	107.	119.	210.	111.
45 05 85	0.	0.	11.	6.	18.	1.9	1.	-2.	1.	106.	121.	210.	106.
14 18 21	1.	0.	10.	7.	12.	1.5	-1.	-1.	1.	109.	123.	210.	109.
14 18 27	1.	0.	11.	7.	20.	1.2	1.	-6.	1.	105.	120.	203.	110.
14 18 32	1.	0.	9.	7.	14.	1.3	-1.	-2.	1.	107.	127.	207.	111.
14 18 37	1.	0.	10.	6.	16.	1.3	1.	-4.	1.	100.	127.	204.	113.
14 18 42	1.	0.	9.	6.	17.	1.1	1.	-4.	1.	105.	127.	211.	113.
14 18 55	2.	0.	9.	7.	21.	1.3	-1.	-2.	1.	110.	126.	214.	113.
14 18 52	2.	1.	9.	7.	10.	1.2	-1.	-3.	1.	110.	126.	215.	113.
14 18 57	1.	0.	10.	5.	13.	0.9	5.	-2.	1.	110.	126.	207.	112.
14 19 2	1.	0.	9.	4.	12.	1.2	5.	-1.	1.	110.	127.	205.	112.
14 19 7	1.	0.	8.	8.	12.	1.5	0.	1.	0.	95.	127.	203.	113.
0 1 12	1.	0.	9.	6.	13.	1.4	-0.	-0.	0.	102.	127.	204.	109.

C COMMUTATOR

TIME M/H/S	EC 109 TEMP A/R H/W A/T R/H	PR 20 TEMP OIL CSD INLET L/H ENGINE	PR 22 TEMP OIL CSD OUTLET L/H ENGINE	EC 110 TEMP WEAPNS BAY STA 460	EC 111 TEMP WEAPNS BAY STA 400	EC 112 TEMP WEAPNS BAY STA 341	EC 113 TEMP WEAPNS BAY STA 276	SP 11 TEMP HYD OIL JTL RESEUR	SP 12 TEMP HYD OIL PRIM INLET RUDDER	EC 102 TEMP RADOME AREA TOP STA 24	EC 103 TEMP RADOME AREA TOP STA 72	EC 104 TEMP RADOME AREA TOP STA120	EC 105 TEMP RADOME AREA TOP STA124
12 55 53	102.	98.	93.	101.	97.	96.	103.	105.	109.	848.	123.	118.	103.
12 55 58	103.	90.	93.	101.	98.	96.	103.	105.	110.	848.	120.	119.	102.
12 56 3	103.	95.	92.	101.	99.	96.	103.	105.	110.	848.	119.	121.	100.
12 56 8	103.	92.	92.	101.	100.	100.	103.	105.	111.	848.	120.	120.	100.
12 56 13	103.	90.	92.	101.	99.	97.	103.	104.	108.	848.	120.	119.	100.
12 56 18	103.	91.	92.	101.	99.	96.	103.	103.	108.	848.	121.	119.	101.
12 56 20	102.	92.	92.	101.	99.	97.	103.	103.	95.	848.	119.	119.	101.
12 56 28	102.	92.	92.	101.	99.	97.	103.	103.	108.	848.	120.	120.	100.
12 56 33	103.	91.	91.	102.	99.	97.	103.	103.	108.	848.	118.	120.	100.
12 56 38	103.	91.	92.	102.	99.	96.	105.	104.	111.	848.	119.	120.	101.
12 56 43	103.	91.	92.	102.	99.	96.	105.	105.	111.	848.	121.	119.	102.
12 56 51	103.	94.	93.	103.	99.	95.	105.	105.	112.	848.	121.	119.	101.
12 56 58	103.	88.	91.	102.	99.	95.	105.	105.	112.	848.	119.	119.	101.
12 57 3	103.	86.	91.	102.	99.	96.	103.	104.	110.	848.	119.	118.	102.
12 57 8	105.	92.	91.	103.	97.	96.	104.	103.	111.	848.	121.	121.	102.
12 57 13	104.	92.	92.	103.	99.	96.	104.	104.	108.	848.	120.	120.	101.
12 57 20	103.	93.	94.	95.	100.	89.	101.	101.	108.	848.	120.	119.	111.
12 57 25	103.	99.	92.	96.	98.	97.	101.	103.	108.	848.	114.	114.	104.
12 57 30	98.	90.	90.	103.	102.	82.	101.	118.	110.	848.	113.	105.	100.
12 57 35	98.	90.	91.	103.	102.	86.	103.	110.	110.	848.	110.	107.	97.
12 57 40	106.	95.	93.	101.	98.	111.	101.	105.	108.	848.	114.	116.	103.
12 57 45	103.	95.	94.	101.	98.	107.	102.	105.	109.	848.	119.	111.	97.
12 57 50	105.	99.	97.	101.	95.	110.	103.	106.	111.	848.	111.	116.	112.
12 57 55	104.	99.	100.	101.	98.	110.	102.	106.	110.	848.	110.	112.	103.
12 58 0	105.	103.	103.	101.	102.	100.	101.	106.	111.	848.	104.	106.	93.
12 58 05	105.	105.	105.	101.	101.	97.	98.	106.	111.	848.	104.	106.	96.
12 58 10	99.	107.	100.	96.	100.	86.	99.	103.	110.	848.	119.	117.	109.
12 58 15	100.	121.	120.	97.	97.	86.	96.	105.	115.	848.	115.	116.	107.
12 58 20	103.	127.	134.	97.	96.	87.	94.	117.	114.	848.	107.	114.	103.
12 58 25	102.	120.	134.	98.	96.	92.	93.	118.	112.	848.	112.	114.	103.
12 58 30	100.	130.	137.	97.	97.	90.	95.	116.	113.	848.	108.	112.	93.
12 58 35	102.	135.	135.	97.	96.	91.	95.	113.	110.	848.	106.	114.	101.
12 58 40	105.	141.	135.	97.	95.	99.	95.	110.	116.	848.	114.	112.	106.
12 58 45	103.	136.	135.	98.	96.	94.	95.	114.	115.	848.	113.	109.	102.
12 58 50	102.	139.	135.	96.	95.	94.	95.	114.	114.	848.	116.	118.	105.
12 58 55	104.	138.	139.	98.	97.	97.	92.	108.	115.	848.	113.	114.	101.
12 59 00	104.	136.	140.	97.	97.	95.	95.	116.	116.	848.	106.	95.	95.
12 59 05	104.	141.	141.	97.	96.	97.	93.	115.	116.	848.	108.	102.	96.
12 59 10	105.	141.	141.	96.	96.	101.	93.	116.	116.	848.	114.	118.	104.
12 59 15	104.	143.	141.	95.	95.	95.	93.	116.	116.	848.	113.	117.	105.
12 59 20	102.	145.	142.	94.	96.	88.	92.	121.	112.	848.	111.	119.	103.
12 59 25	101.	144.	142.	95.	96.	89.	92.	122.	115.	848.	113.	116.	103.
12 59 30	103.	143.	147.	98.	96.	89.	93.	121.	116.	848.	116.	113.	100.
12 59 35	102.	143.	147.	98.	96.	87.	93.	120.	116.	848.	115.	115.	105.
12 59 40	101.	145.	147.	97.	95.	87.	93.	123.	115.	848.	113.	108.	100.

TIME M/N/S	EC 109 TEMP A/B MMW AFT R/H	PR 20 TEMP OIL CSD INLET L/H ENGINE	PR 22 TEMP OIL CSD OUTLET L/H ENGINE	EC 110 TEMP WEAPNS BAY STA 460	EC 111 TEMP WEAPNS 3AY STA 400	EC 112 TEMP WEAPNS BAY STA 341	EC 113 TEMP WEAPNS RAY STA 276	SP 11 TEMP 4YD OIL JTL RESEVR	SP 12 TEMP HYD OIL PRIM INLET RUDDER	EC 102 TEMP RADOME AREA TOP STA 24	EC 103 TEMP RADOME AREA TOP STA 72	EC 104 TEMP RADOME AREA TOP STA128	EC 105 TEMP RADOME AREA TOP STA124
13 26 13	102.	146.	152.	97.	95.	88.	93.	121.	120.	848.	109.	108.	99.
13 26 16	103.	151.	147.	95.	96.	97.	94.	117.	119.	848.	106.	108.	97.
13 26 23	103.	154.	150.	95.	96.	100.	93.	117.	119.	848.	108.	112.	99.
13 26 29	105.	147.	153.	95.	95.	91.	93.	124.	117.	848.	112.	117.	107.
13 26 34	103.	150.	157.	95.	95.	93.	93.	119.	121.	848.	111.	112.	108.
13 26 39	101.	152.	161.	95.	95.	93.	93.	114.	121.	848.	103.	108.	97.
13 26 44	103.	151.	156.	95.	96.	95.	92.	117.	120.	848.	108.	113.	104.
13 26 49	103.	151.	152.	94.	94.	92.	93.	127.	118.	848.	113.	117.	118.
13 26 54	102.	153.	158.	95.	94.	91.	93.	120.	121.	848.	112.	112.	103.
13 27 4	105.	158.	158.	90.	94.	101.	100.	121.	120.	848.	115.	116.	101.
13 27 9	104.	159.	159.	89.	94.	100.	96.	122.	120.	848.	112.	115.	101.
13 27 14	103.	155.	156.	93.	94.	98.	93.	127.	119.	848.	114.	119.	118.
13 27 19	99.	157.	157.	95.	95.	86.	93.	120.	122.	848.	106.	107.	97.
13 27 24	100.	154.	163.	95.	95.	88.	93.	123.	121.	848.	110.	111.	99.
13 27 29	101.	160.	163.	94.	93.	91.	92.	130.	120.	848.	114.	117.	102.
13 27 34	100.	160.	165.	94.	95.	88.	91.	126.	121.	848.	111.	113.	101.
13 27 39	103.	165.	157.	95.	93.	101.	92.	125.	124.	848.	118.	105.	97.
13 27 44	101.	166.	164.	95.	94.	94.	92.	122.	124.	848.	108.	106.	91.
13 27 49	99.	170.	168.	97.	96.	90.	92.	123.	125.	848.	106.	111.	94.
13 27 54	100.	166.	168.	97.	95.	89.	93.	124.	123.	848.	109.	113.	98.
13 27 59	103.	169.	168.	96.	93.	99.	92.	120.	121.	848.	108.	114.	95.
13 28 4	103.	171.	169.	96.	93.	98.	92.	124.	123.	848.	108.	114.	99.
13 28 9	101.	151.	170.	98.	90.	90.	92.	130.	123.	848.	113.	114.	112.
13 28 19	100.	164.	173.	98.	92.	89.	91.	124.	124.	848.	104.	110.	105.
13 28 24	103.	171.	171.	96.	90.	101.	92.	123.	126.	848.	112.	114.	104.
13 28 29	103.	170.	170.	93.	91.	90.	92.	132.	124.	848.	112.	115.	105.
13 28 34	101.	167.	173.	95.	93.	95.	91.	123.	124.	848.	105.	109.	101.
13 28 39	97.	172.	174.	97.	93.	86.	91.	124.	125.	848.	105.	108.	95.
13 28 44	98.	173.	181.	97.	93.	86.	91.	121.	128.	848.	106.	108.	95.
13 28 49	99.	172.	181.	96.	94.	85.	92.	120.	127.	848.	106.	109.	96.
13 28 54	98.	176.	181.	102.	95.	91.	92.	124.	123.	848.	103.	107.	95.
13 28 59	99.	176.	177.	98.	94.	95.	92.	132.	121.	848.	105.	110.	97.
13 29 5	100.	176.	174.	96.	94.	94.	91.	128.	125.	848.	105.	106.	98.
13 29 10	99.	174.	177.	95.	94.	90.	92.	127.	125.	848.	107.	108.	100.
13 29 15	99.	181.	182.	95.	94.	85.	91.	124.	121.	848.	103.	105.	97.
13 29 20	101.	178.	182.	96.	94.	91.	92.	130.	123.	848.	106.	108.	97.
13 29 25	99.	175.	183.	95.	95.	95.	93.	125.	128.	848.	105.	106.	97.
13 29 30	101.	178.	183.	97.	95.	95.	92.	125.	128.	848.	104.	105.	95.
13 29 35	99.	179.	184.	97.	95.	87.	91.	124.	127.	848.	107.	105.	97.
13 29 40	101.	183.	178.	96.	93.	99.	91.	132.	128.	848.	108.	108.	101.
13 29 45	99.	177.	179.	96.	93.	98.	91.	133.	127.	848.	109.	112.	105.
13 29 50	99.	182.	191.	98.	95.	87.	92.	123.	127.	848.	102.	107.	95.
13 29 55	99.	181.	190.	100.	95.	86.	90.	124.	128.	848.	106.	108.	98.
13 30 0	99.	182.	191.	99.	94.	88.	90.	124.	128.	848.	105.	105.	98.
13 30 5	100.	182.	191.	98.	93.	94.	91.	130.	127.	848.	106.	106.	97.
13 30 10	96.	185.	187.	97.	94.	93.	91.	134.	127.	848.	105.	105.	99.
13 30 15	98.	184.	189.	97.	95.	89.	91.	130.	128.	848.	105.	109.	98.

TIME H/M/S	EC 109 TEMP AMB MMW AFY R/H	PR 20 OIL CSO INLET L/H ENGINE	PR 22 OIL CSO OUTLET L/H ENGINE	EC 110 TEMP WEAPNS BAY STA 460	EC 111 TEMP WEAPNS BAY STA 488	EC 112 TEMP WEAPNS BAY STA 341	EC 113 TEMP WEAPNS BAY STA 276	SP 11 TEMP HYD OIL PRIM INLET RUDDER	EC 102 TEMP RADOME AREA TOP STA 24	EC 103 TEMP RADOME AREA TOP STA 72	EC 104 TEMP RADOME AREA TOP STA120	EC 105 TEMP RADOME AREA TOP STA124
13 30 20	100.	185.	193.	97.	94.	86.	90.	124.	840.	105.	100.	97.
13 30 25	100.	185.	189.	96.	93.	92.	90.	130.	848.	106.	110.	99.
13 30 30	101.	178.	190.	98.	94.	90.	92.	126.	848.	111.	112.	103.
13 30 35	102.	189.	189.	98.	92.	91.	92.	127.	848.	111.	112.	104.
13 30 40	99.	187.	189.	96.	95.	85.	90.	125.	848.	110.	108.	95.
13 30 45	101.	182.	188.	96.	93.	92.	91.	125.	848.	113.	112.	101.
13 30 55	101.	184.	194.	97.	94.	86.	92.	116.	848.	110.	108.	100.
13 31 0	101.	182.	192.	96.	93.	88.	93.	125.	848.	109.	111.	103.
13 31 5	98.	188.	196.	96.	95.	91.	91.	127.	848.	105.	107.	91.
13 31 10	100.	188.	195.	97.	95.	90.	91.	128.	848.	105.	105.	93.
13 31 15	101.	183.	194.	97.	93.	85.	97.	138.	848.	105.	110.	108.
13 31 15	102.	183.	193.	96.	93.	87.	94.	127.	848.	107.	110.	102.
13 31 20	99.	193.	194.	97.	93.	92.	91.	130.	848.	95.	100.	90.
13 31 25	100.	188.	193.	96.	93.	91.	91.	133.	848.	103.	112.	99.
13 31 30	101.	190.	198.	97.	94.	86.	91.	131.	848.	105.	112.	97.
13 31 35	99.	191.	198.	97.	93.	86.	91.	136.	848.	105.	109.	95.
13 31 40	100.	191.	190.	96.	93.	97.	91.	137.	848.	108.	100.	99.
13 32 17	100.	190.	190.	96.	92.	99.	91.	140.	848.	100.	111.	102.
13 32 22	99.	191.	191.	97.	92.	101.	91.	143.	848.	106.	112.	103.
13 32 35	101.	193.	195.	97.	93.	87.	90.	136.	848.	100.	113.	102.
13 32 32	103.	189.	193.	97.	93.	92.	91.	136.	848.	110.	115.	103.
13 32 37	99.	193.	193.	98.	94.	88.	91.	133.	848.	106.	111.	99.
13 32 42	100.	194.	203.	101.	95.	88.	90.	131.	848.	106.	106.	95.
13 32 47	101.	193.	201.	100.	92.	89.	94.	135.	848.	100.	107.	99.
13 32 57	101.	200.	204.	97.	94.	90.	98.	132.	848.	104.	103.	93.
13 33 2	102.	196.	201.	98.	94.	91.	98.	134.	848.	107.	107.	96.
13 33 2	100.	197.	202.	99.	93.	95.	91.	143.	848.	103.	100.	96.
13 33 7	102.	195.	201.	99.	94.	96.	90.	139.	848.	107.	109.	99.
13 33 12	100.	201.	207.	100.	95.	88.	90.	132.	848.	105.	105.	91.
13 33 17	101.	200.	204.	101.	94.	94.	90.	138.	848.	107.	100.	106.
13 33 27	106.	195.	201.	101.	93.	95.	89.	131.	848.	112.	105.	100.
13 33 33	104.	194.	202.	102.	94.	92.	89.	134.	848.	103.	105.	100.
13 33 38	104.	192.	203.	100.	93.	102.	89.	142.	848.	113.	110.	103.
13 33 51	103.	195.	204.	102.	92.	101.	89.	144.	848.	112.	112.	94.
13 33 40	100.	203.	209.	102.	95.	90.	88.	138.	848.	106.	97.	94.
13 33 53	102.	199.	203.	102.	90.	94.	88.	140.	848.	108.	107.	97.
13 33 53	103.	196.	200.	104.	93.	100.	88.	147.	848.	105.	109.	103.
13 33 58	104.	196.	203.	104.	93.	96.	89.	142.	848.	109.	107.	103.
13 34 3	97.	200.	209.	103.	95.	86.	89.	136.	848.	103.	106.	92.
13 34 8	101.	202.	209.	101.	95.	88.	89.	134.	848.	106.	107.	96.
13 34 13	105.	198.	204.	103.	94.	91.	90.	130.	848.	111.	105.	99.
13 34 18	105.	199.	205.	103.	94.	89.	89.	138.	848.	110.	107.	101.
13 34 23	99.	193.	203.	104.	95.	96.	89.	148.	848.	105.	107.	92.
13 34 29	101.	200.	211.	105.	94.	91.	89.	130.	848.	105.	107.	95.
13 34 42	99.	204.	207.	105.	95.	74.	89.	142.	848.	106.	104.	93.
13 34 39	97.	204.	204.	104.	94.	88.	89.	144.	848.	101.	107.	100.
13 34 44	105.	201.	205.	104.	93.	100.	91.	147.	848.	108.	111.	100.
13 34 49	104.	207.	209.	102.	96.	96.	90.	143.	848.	107.	107.	96.
13 34 54	101.	203.	213.	103.	95.	87.	87.	138.	848.	100.	100.	96.

TIME H/M/S	EC 109 TEMP AMB MMW AFT R/H	PR 20 TEMP OIL CSD INLET L/H ENGINE	PR 22 TEMP OIL CSD OUTLET L/H ENGINE	EC 110 TEMP WEAPNS BAY STA 460	EC 111 TEMP WEAPNS BAY STA 400	EC 112 TEMP WEAPNS BAY STA 341	EC 113 TEMP WEAPNS BAY STA 276	SP 11 TEMP HYD OIL PRIM INLET RUDDER	EC 102 TEMP RADOME AREA TOP STA 24	EC 103 TEMP RADOME AREA TOP STA 72	EC 104 TEMP RADOME AREA TOP STA120	EC 105 TEMP RADOME AREA TOP STA124
13 34 59	101.	205.	211.	104.	96.	91.	88.	138.	848.	103.	105.	95.
13 35 4	101.	209.	210.	100.	95.	84.	89.	140.	848.	98.	105.	98.
13 35 9	101.	208.	213.	102.	95.	88.	89.	140.	848.	101.	107.	98.
13 35 14	105.	200.	210.	103.	95.	97.	90.	143.	848.	112.	113.	101.
13 35 19	105.	202.	209.	103.	95.	96.	90.	141.	848.	114.	118.	103.
13 35 24	101.	210.	212.	106.	96.	90.	90.	139.	848.	108.	105.	84.
13 35 29	101.	208.	212.	107.	95.	93.	89.	139.	848.	105.	105.	91.
13 35 34	104.	202.	212.	106.	95.	91.	88.	141.	848.	111.	110.	108.
13 35 39	103.	204.	214.	136.	96.	88.	88.	138.	848.	110.	107.	95.
13 35 44	106.	203.	207.	105.	95.	102.	89.	149.	848.	114.	110.	101.
13 51 26	105.	221.	219.	105.	95.	97.	86.	153.	848.	107.	110.	95.
13 51 26	109.	224.	237.	107.	95.	87.	84.	156.	848.	108.	118.	95.
13 51 31	109.	226.	233.	106.	95.	91.	84.	158.	848.	105.	108.	94.
13 51 36	105.	232.	240.	106.	98.	74.	83.	148.	848.	100.	100.	82.
13 51 41	105.	230.	241.	106.	97.	77.	83.	142.	848.	104.	102.	86.
13 51 46	110.	230.	235.	101.	95.	95.	84.	141.	848.	106.	105.	86.
13 51 51	102.	227.	236.	103.	95.	90.	83.	156.	848.	104.	102.	86.
13 51 57	106.	224.	241.	105.	97.	86.	79.	156.	848.	107.	108.	93.
13 52 2	106.	223.	239.	105.	96.	86.	81.	156.	848.	108.	107.	93.
13 52 15	106.	223.	240.	105.	97.	81.	83.	157.	848.	105.	103.	94.
13 52 12	105.	227.	240.	105.	97.	78.	83.	152.	848.	105.	101.	88.
13 52 17	106.	238.	235.	105.	99.	89.	82.	154.	848.	101.	97.	86.
13 52 22	106.	232.	237.	104.	97.	85.	82.	141.	848.	101.	102.	88.
13 52 35	109.	227.	232.	104.	94.	92.	83.	160.	848.	104.	109.	97.
13 52 32	108.	230.	234.	102.	95.	91.	88.	154.	848.	101.	105.	98.
13 52 37	105.	227.	243.	108.	96.	79.	78.	150.	848.	101.	95.	88.
13 52 42	106.	229.	241.	108.	97.	76.	80.	149.	848.	98.	98.	86.
13 52 47	108.	233.	235.	105.	97.	90.	84.	152.	848.	99.	103.	82.
13 52 52	107.	233.	236.	107.	96.	89.	83.	150.	848.	97.	108.	84.
13 52 57	106.	234.	240.	108.	96.	87.	83.	149.	848.	96.	101.	86.
13 53 2	106.	231.	238.	108.	96.	90.	83.	151.	848.	96.	101.	85.
13 53 7	108.	232.	230.	106.	95.	87.	76.	155.	848.	104.	103.	91.
13 57 20	109.	234.	233.	105.	91.	91.	78.	153.	848.	103.	102.	91.
13 57 30	108.	236.	235.	104.	94.	86.	84.	149.	848.	97.	101.	85.
13 57 35	108.	237.	237.	104.	94.	82.	82.	147.	848.	99.	108.	84.
13 57 48	106.	229.	242.	101.	91.	95.	84.	158.	848.	103.	106.	90.
13 57 40	109.	231.	238.	101.	93.	91.	84.	153.	848.	101.	104.	90.
13 57 45	110.	230.	236.	100.	94.	82.	86.	142.	848.	104.	104.	90.
13 57 50	107.	227.	239.	99.	93.	82.	85.	147.	848.	105.	106.	98.
13 58 0	106.	227.	244.	98.	94.	78.	85.	151.	848.	104.	106.	87.
13 58 0	106.	224.	240.	98.	94.	81.	85.	153.	848.	105.	104.	88.
13 58 5	106.	225.	244.	99.	95.	80.	85.	137.	848.	102.	101.	88.
13 58 10	105.	232.	244.	100.	95.	85.	79.	150.	848.	99.	108.	84.
13 58 15	105.	229.	234.	103.	93.	86.	86.	152.	848.	107.	108.	91.
13 58 20	105.	231.	239.	105.	93.	83.	85.	149.	848.	104.	105.	86.
13 58 25	107.	224.	235.	101.	91.	93.	95.	136.	848.	110.	107.	94.
13 58 31	108.	223.	235.	101.	92.	90.	85.	155.	848.	109.	106.	93.
13 52 36	107.	223.	232.	103.	92.	87.	86.	152.	848.	105.	106.	93.
13 58 41	106.	225.	233.	101.	92.	90.	86.	155.	848.	107.	107.	89.

TIME M/M/S	EC 109 TEMP AIR	P 20 TEMP OIL	PR 22 TEMP OIL	EC 110 TEMP WEAPNS	EC 111 TEMP WEAPNS	EC 112 TEMP WEAPNS	EC 113 TEMP WEAPNS	SP 11 TEMP HYD	SP 12 TEMP HYD	EC 102 TEMP PADOME	EC 103 TEMP RADOME	EC 104 TEMP RADOME	EC 105 TEMP RADOME
	M4M AFT	CSD INLET	CSD OUTLET	BAY STA	BAY STA	BAY STA	BAY STA	JTL RESEVR	PRIM INLET	AREA TOP	AREA TOP	AREA TOP	AREA TOP
	R/W	L/W	L/W	460	400	341	276			STA 24	STA 72	STA120	STA124
10													
13 58 46	103.	230.	241.	99.	97.	89.	86.	151.	137.	848.	103.	105.	87.
13 58 51	105.	231.	239.	100.	95.	88.	85.	145.	137.	848.	102.	103.	86.
13 58 56	106.	235.	239.	103.	91.	95.	86.	151.	138.	848.	103.	108.	93.
13 59 1	106.	232.	237.	104.	91.	93.	85.	154.	138.	848.	103.	108.	93.
13 59 6	95.	231.	242.	110.	91.	87.	84.	152.	136.	848.	108.	104.	84.
13 59 11	100.	234.	241.	111.	92.	89.	84.	150.	137.	848.	104.	104.	83.
13 59 16	108.	229.	232.	114.	93.	87.	84.	158.	138.	848.	108.	106.	98.
13 59 21	108.	227.	234.	114.	93.	91.	84.	158.	138.	848.	108.	107.	92.
14 6 3	108.	231.	233.	112.	93.	96.	85.	159.	135.	848.	106.	107.	95.
14 6 8	109.	235.	238.	112.	95.	91.	82.	157.	135.	848.	108.	107.	93.
14 6 13	111.	242.	239.	112.	96.	94.	86.	152.	138.	848.	105.	105.	93.
14 6 18	111.	243.	239.	113.	96.	93.	86.	151.	138.	848.	103.	102.	98.
14 6 23	110.	247.	242.	114.	97.	86.	84.	148.	138.	848.	99.	99.	84.
14 6 28	109.	243.	244.	111.	99.	88.	84.	151.	137.	848.	96.	104.	80.
14 6 33	108.	240.	251.	114.	99.	74.	84.	148.	138.	848.	104.	101.	87.
14 6 38	107.	251.	251.	112.	97.	88.	84.	151.	137.	848.	106.	104.	87.
14 6 43	108.	245.	254.	108.	97.	85.	84.	144.	148.	848.	95.	108.	81.
45 05 05	108.	244.	254.	110.	98.	82.	85.	146.	139.	848.	96.	98.	82.
14 12 14	118.	249.	239.	117.	101.	87.	85.	145.	147.	848.	102.	98.	86.
14 13 19	109.	240.	249.	116.	100.	88.	85.	151.	144.	848.	101.	101.	88.
14 13 24	108.	238.	252.	118.	108.	88.	84.	148.	141.	848.	103.	106.	89.
14 13 29	108.	248.	246.	118.	108.	88.	85.	149.	141.	848.	101.	103.	81.
14 13 34	109.	227.	255.	118.	99.	88.	86.	161.	138.	848.	105.	106.	88.
14 13 39	109.	237.	253.	118.	100.	88.	86.	158.	140.	848.	103.	103.	88.
0 0 0	108.	242.	252.	117.	100.	88.	85.	144.	142.	848.	105.	103.	88.
45 05 05	109.	243.	251.	116.	99.	89.	86.	142.	142.	848.	104.	103.	88.
45 05 05	108.	237.	256.	118.	108.	90.	86.	142.	142.	848.	104.	103.	88.
14 16 0	109.	230.	249.	113.	108.	89.	86.	158.	139.	848.	106.	101.	90.
14 16 5	108.	246.	249.	115.	99.	89.	86.	157.	139.	848.	102.	102.	87.
14 16 10	109.	243.	248.	116.	99.	90.	86.	158.	137.	848.	102.	104.	89.
14 16 15	108.	242.	244.	120.	100.	89.	86.	155.	137.	848.	105.	107.	91.
14 16 21	109.	243.	246.	120.	100.	89.	86.	152.	137.	848.	107.	108.	92.
14 16 26	118.	248.	247.	122.	100.	91.	88.	154.	136.	848.	106.	106.	86.
14 16 31	118.	239.	247.	123.	108.	91.	87.	154.	136.	848.	97.	98.	88.
14 16 36	110.	237.	246.	121.	108.	91.	87.	147.	134.	848.	103.	104.	86.
45 05 05	109.	236.	246.	121.	102.	91.	87.	149.	138.	848.	103.	103.	88.
45 05 05	111.	239.	240.	121.	101.	91.	88.	152.	136.	848.	103.	103.	84.
14 18 21	111.	234.	224.	122.	101.	93.	88.	151.	134.	848.	104.	103.	84.
14 18 27	110.	227.	207.	121.	103.	96.	89.	150.	136.	848.	105.	108.	78.
14 18 32	110.	227.	207.	122.	103.	96.	89.	150.	136.	848.	104.	103.	81.
14 18 37	118.	227.	206.	121.	96.	97.	98.	149.	136.	848.	103.	103.	84.
14 18 42	112.	228.	206.	121.	97.	96.	98.	149.	136.	848.	103.	103.	84.
14 18 55	110.	226.	206.	121.	103.	95.	90.	149.	134.	848.	105.	105.	84.
14 18 52	118.	227.	205.	121.	103.	96.	90.	149.	135.	848.	105.	104.	84.
14 18 57	110.	227.	203.	127.	103.	95.	87.	149.	138.	848.	104.	101.	82.
14 19 2	111.	227.	202.	125.	103.	95.	88.	149.	138.	848.	104.	108.	83.
14 19 7	110.	226.	205.	123.	101.	97.	98.	149.	136.	848.	105.	103.	82.
0 1 12	118.	227.	204.	123.	102.	97.	89.	149.	137.	848.	104.	103.	82.

TIME
H/M/S

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TIME H/M/S	SP TEMP	SP HYD OIL INLET PUMP	SP TEMP	EC 94 FMD EQUIP AFT L/H	EC 95 TEMP AFT EQUIP AFT L/H	EC 96 TEMP FMD EQUIP AFT R/H	EC 97 TEMP EQUIP AFT CHECK R/H	EC 68 DOPP PROCES	EC 69 LO VOLT JP	EC 70 ELEC PROC UT	EC 71 XMR HEATX IN	EC 72 XMR HEATX OUT	EC 73 CADC	EC 74 MAX COMP UNT
13 26 13	124.		114.	101.	110.	101.	101.	LOW	101.	97.	89.	79.	96.	90.
13 26 18	124.		119.	103.	108.	98.	98.	LOW	106.	97.	93.	80.	96.	90.
13 26 23	127.		120.	105.	108.	99.	99.	LOW	107.	98.	93.	80.	96.	91.
13 26 29	127.		120.	103.	112.	101.	101.	LOW	102.	98.	85.	79.	87.	85.
13 26 34	126.		119.	103.	110.	101.	100.	LOW	102.	96.	85.	75.	87.	88.
13 26 39	127.		121.	103.	103.	100.	102.	LOW	107.	102.	93.	81.	101.	95.
13 26 44	127.		122.	103.	108.	100.	101.	LOW	106.	99.	89.	76.	94.	90.
13 26 49	127.		121.	103.	112.	103.	100.	LOW	105.	95.	82.	69.	90.	85.
13 26 54	127.		120.	102.	112.	102.	98.	LOW	106.	97.	87.	78.	94.	90.
13 26 59	129.		125.	102.	112.	101.	99.	LOW	110.	98.	91.	73.	92.	87.
13 27 4	129.		125.	102.	112.	101.	99.	LOW	110.	101.	93.	78.	95.	90.
13 27 9	130.		123.	104.	110.	99.	99.	LOW	108.	98.	85.	69.	90.	86.
13 27 14	126.		120.	105.	112.	100.	98.	LOW	107.	98.	88.	70.	88.	83.
13 27 19	127.		117.	101.	106.	101.	101.	LOW	108.	98.	88.	79.	90.	92.
13 27 24	129.		115.	101.	109.	100.	100.	LOW	104.	93.	83.	74.	94.	88.
13 27 29	123.		123.	103.	113.	101.	101.	LOW	106.	94.	82.	73.	90.	86.
13 27 34	124.		120.	101.	112.	99.	101.	LOW	104.	93.	81.	78.	91.	87.
13 27 39	135.		128.	106.	106.	100.	96.	LOW	110.	105.	92.	81.	93.	90.
13 27 44	133.		125.	105.	108.	101.	97.	LOW	109.	102.	92.	82.	100.	92.
13 27 49	136.		125.	107.	108.	103.	99.	LOW	114.	103.	98.	82.	102.	97.
13 27 54	130.		120.	104.	112.	100.	100.	LOW	108.	97.	86.	75.	95.	91.
13 27 59	131.		126.	104.	111.	100.	101.	LOW	112.	100.	87.	76.	92.	86.
13 28 4	133.		127.	104.	111.	100.	101.	LOW	110.	99.	86.	77.	91.	87.
13 28 9	125.		119.	101.	113.	99.	99.	LOW	103.	93.	78.	69.	86.	82.
13 28 19	126.		119.	101.	111.	99.	99.	LOW	104.	95.	82.	73.	91.	87.
13 28 24	134.		125.	100.	111.	101.	98.	LOW	112.	103.	90.	77.	92.	85.
13 28 29	131.		125.	100.	112.	102.	99.	LOW	112.	100.	87.	75.	92.	85.
13 28 34	133.		127.	100.	108.	101.	101.	LOW	117.	105.	93.	76.	99.	93.
13 28 39	130.		127.	102.	107.	100.	100.	LOW	108.	100.	86.	79.	96.	93.
13 28 44	130.		116.	102.	108.	101.	101.	LOW	117.	105.	93.	78.	99.	95.
13 28 49	130.		118.	103.	108.	99.	100.	LOW	108.	98.	84.	77.	96.	93.
13 28 54	132.		121.	103.	107.	100.	101.	LOW	115.	100.	87.	78.	99.	95.
13 29 5	129.		127.	103.	108.	100.	101.	LOW	110.	102.	88.	78.	98.	91.
13 29 10	127.		123.	103.	111.	99.	99.	LOW	119.	108.	91.	80.	102.	92.
13 29 15	136.		127.	103.	107.	100.	100.	LOW	111.	132.	84.	75.	96.	88.
13 29 20	133.		129.	106.	109.	101.	101.	LOW	113.	95.	84.	74.	98.	93.
13 29 25	137.		123.	106.	105.	99.	97.	LOW	117.	105.	86.	76.	97.	91.
13 29 30	137.		123.	106.	106.	100.	98.	LOW	114.	104.	91.	80.	99.	92.
13 29 35	136.		122.	100.	110.	101.	95.	LOW	106.	96.	80.	73.	92.	89.
13 29 40	136.		130.	102.	108.	100.	99.	LOW	108.	108.	88.	75.	95.	91.
13 29 45	136.		125.	103.	110.	99.	99.	LOW	120.	108.	88.	78.	97.	90.
13 29 50	136.		124.	101.	108.	98.	100.	LOW	116.	103.	84.	72.	91.	84.
13 29 55	138.		124.	102.	111.	100.	98.	LOW	106.	98.	79.	73.	94.	88.
13 30 0	134.		124.	102.	111.	97.	97.	LOW	110.	101.	84.	76.	97.	91.
13 30 5	135.		127.	103.	106.	97.	97.	LOW	115.	104.	79.	73.	94.	88.
13 30 10	138.		132.	100.	107.	99.	99.	LOW	116.	104.	79.	76.	96.	92.
13 30 15	134.		127.	102.	109.	100.	99.	LOW	115.	103.	90.	78.	102.	97.
									111.		83.		97.	91.

TIME H/M/S	SP TEMP HYD OIL INLET UTL PJMP	SP TEMP HYD OIL INLET PRIMP PUMP	EC 94 TEMP FMO EQUIP AFT CHEEK L/H	EC 95 TEMP FMO EQUIP AFT CHEEK L/H	EC 96 TEMP FMO EQUIP AFT CHEEK R/H	EC 97 TEMP AFT EQUIP AFT CHEEK R/H	EC 68 DOPP PROCES	EC 69 LO VOLT POS JP	EC 70 ELEC PROC UT	EC 71 XMR HEATX IN	EC 72 XMR HEATX OUT	EC 73 CADC	EC 74 NAX COMP UNT
13 30 20	136.	127.	102.	109.	99.	99.	LOW	108.	97.	76.	73.	94.	91.
13 30 25	136.	127.	102.	109.	100.	99.	LOW	114.	102.	80.	77.	96.	91.
13 30 30	130.	119.	102.	114.	95.	99.	LOW	106.	87.	74.	65.	84.	80.
13 30 35	128.	119.	98.	114.	97.	99.	LOW	106.	90.	73.	64.	84.	81.
13 30 40	135.	116.	101.	110.	102.	98.	LOW	108.	97.	82.	74.	88.	90.
13 30 45	134.	117.	102.	113.	101.	97.	LOW	112.	97.	79.	70.	88.	84.
13 30 50	134.	123.	102.	112.	96.	96.	LOW	107.	95.	77.	71.	92.	86.
13 31 0	132.	121.	101.	111.	99.	98.	LOW	107.	94.	74.	68.	88.	82.
13 31 5	137.	124.	104.	108.	101.	97.	LOW	114.	103.	85.	78.	93.	89.
13 31 10	142.	124.	105.	108.	101.	97.	LOW	113.	101.	84.	78.	96.	92.
13 31 15	131.	123.	101.	113.	97.	100.	LOW	106.	90.	72.	69.	89.	83.
13 31 20	130.	119.	101.	114.	98.	100.	LOW	106.	91.	71.	67.	88.	81.
13 31 25	140.	131.	105.	109.	99.	99.	LOW	119.	105.	80.	72.	93.	87.
13 31 30	136.	125.	102.	113.	100.	99.	LOW	113.	99.	74.	71.	91.	85.
13 31 35	137.	123.	101.	110.	99.	99.	LOW	105.	96.	75.	69.	91.	83.
13 31 40	138.	126.	101.	110.	99.	98.	LOW	109.	96.	86.	75.	90.	81.
13 32 17	137.	129.	105.	108.	99.	98.	LOW	122.	108.	84.	76.	96.	88.
13 32 22	131.	125.	102.	108.	100.	97.	LOW	121.	107.	84.	76.	96.	88.
13 32 35	131.	125.	102.	108.	100.	97.	LOW	116.	108.	85.	78.	97.	88.
13 32 37	136.	124.	104.	109.	99.	97.	LOW	112.	101.	78.	72.	91.	83.
13 32 38	135.	117.	100.	115.	101.	99.	LOW	110.	95.	71.	64.	83.	78.
13 32 42	135.	119.	102.	113.	101.	100.	LOW	110.	97.	74.	69.	89.	84.
13 32 47	131.	120.	105.	111.	97.	97.	LOW	108.	55.	76.	71.	90.	84.
13 32 57	141.	127.	104.	107.	99.	99.	LOW	117.	102.	85.	80.	99.	91.
13 33 2	137.	123.	105.	111.	100.	96.	LOW	111.	97.	78.	73.	91.	85.
13 33 2	139.	127.	103.	110.	101.	98.	LOW	121.	106.	80.	84.	99.	91.
13 33 7	137.	122.	103.	112.	100.	98.	LOW	116.	101.	79.	74.	92.	84.
13 33 12	141.	128.	103.	112.	102.	97.	LOW	112.	101.	81.	88.	101.	91.
13 33 17	140.	127.	102.	111.	102.	98.	LOW	117.	103.	83.	79.	98.	87.
13 33 27	130.	120.	99.	112.	99.	98.	LOW	112.	96.	73.	67.	90.	80.
13 33 33	133.	125.	102.	110.	99.	98.	LOW	110.	98.	77.	72.	86.	76.
13 33 38	132.	118.	101.	114.	104.	97.	LOW	116.	98.	77.	71.	98.	88.
13 33 51	133.	123.	101.	112.	101.	98.	LOW	118.	101.	82.	75.	98.	74.
13 33 51	144.	127.	105.	108.	100.	95.	LOW	115.	102.	82.	73.	94.	76.
13 33 53	136.	125.	103.	111.	130.	98.	LOW	116.	101.	81.	73.	94.	84.
13 33 53	136.	125.	101.	112.	99.	98.	LOW	123.	105.	78.	76.	94.	84.
13 33 58	132.	122.	102.	112.	99.	98.	LOW	115.	100.	75.	70.	84.	88.
13 34 3	133.	121.	101.	111.	160.	99.	LOW	110.	95.	74.	71.	93.	84.
13 34 8	134.	122.	102.	112.	102.	97.	LOW	109.	94.	73.	69.	98.	81.
13 34 13	126.	121.	101.	116.	102.	99.	LOW	112.	95.	70.	64.	83.	75.
13 34 18	130.	120.	101.	114.	101.	99.	LOW	110.	90.	65.	65.	85.	74.
13 34 23	139.	128.	103.	106.	97.	97.	LOW	110.	108.	88.	82.	100.	90.
13 34 29	138.	122.	103.	107.	99.	98.	LOW	109.	102.	80.	76.	93.	86.
13 34 42	140.	128.	103.	112.	162.	97.	LOW	123.	108.	87.	79.	100.	92.
13 34 39	139.	126.	101.	112.	100.	97.	LOW	120.	105.	82.	74.	93.	85.
13 34 44	145.	127.	102.	112.	161.	100.	LOW	120.	103.	79.	73.	91.	75.
13 34 49	145.	121.	104.	111.	100.	98.	LOW	118.	102.	80.	76.	95.	83.
13 34 54	135.	123.	101.	115.	101.	98.	LOW	108.	92.	72.	66.	88.	80.

11

TIME M/M/S	SP TEMP HYD OIL INLET UTL PUMP	SP TEMP HYD OIL INLET UTL PUMP	5 TEMP FWD AFT CHECK L/H	94 TEMP FWD AFT CHECK L/H	95 TEMP FWD AFT CHECK L/H	96 TEMP FWD AFT CHECK R/H	97 TEMP AFT EQUIP CHECK R/H	68 DOPP PROCES	69 LO VOLT POS JP	70 ELEC PROC UT	71 XMR HEATX IN	72 XMR HEATX OUT	73 GADC	74 MAX COMP UNT
13 34 59	139.	127.	99.	113.	108.	93.	LOW	114.	100.	77.	75.	95.	85.	
13 35 4	143.	130.	110.	111.	100.	97.	LOW	117.	105.	82.	70.	97.	91.	
13 35 9	148.	129.	108.	112.	101.	97.	LOW	116.	101.	81.	76.	97.	98.	
13 35 14	150.	119.	101.	114.	101.	99.	LOW	116.	97.	73.	64.	86.	76.	
13 35 19	153.	122.	101.	115.	100.	98.	LOW	114.	96.	72.	64.	85.	75.	
13 35 24	172.	137.	106.	112.	101.	96.	LOW	120.	106.	86.	70.	100.	89.	
13 35 29	164.	138.	105.	110.	101.	97.	LOW	120.	105.	86.	79.	100.	88.	
13 35 34	156.	131.	101.	116.	102.	97.	LOW	110.	92.	71.	63.	85.	76.	
13 35 39	159.	134.	101.	116.	102.	96.	LOW	111.	95.	74.	68.	90.	81.	
13 51 26	157.	137.	102.	116.	101.	96.	LOW	117.	98.	74.	67.	85.	73.	
13 51 26	155.	139.	91.	114.	95.	96.	LOW	101.	97.	66.	60.	84.	78.	
13 51 31	146.	126.	98.	117.	99.	95.	LOW	71.	74.	44.	44.	78.	61.	
13 51 36	149.	133.	99.	116.	98.	95.	LOW	77.	81.	47.	47.	73.	62.	
13 51 41	146.	131.	98.	113.	98.	95.	LOW	76.	89.	56.	54.	86.	63.	
13 51 46	154.	138.	104.	114.	100.	98.	LOW	76.	88.	52.	53.	84.	66.	
13 51 51	146.	134.	100.	113.	97.	95.	LOW	83.	93.	61.	56.	76.	68.	
13 51 57	139.	127.	97.	117.	98.	95.	LOW	77.	87.	54.	52.	76.	66.	
13 52 2	140.	126.	97.	116.	98.	94.	LOW	71.	81.	46.	46.	73.	65.	
13 52 15	141.	129.	95.	115.	97.	95.	LOW	70.	80.	44.	44.	74.	62.	
13 52 12	143.	138.	97.	111.	98.	94.	LOW	71.	80.	45.	47.	77.	63.	
13 52 17	152.	130.	97.	115.	98.	95.	LOW	85.	95.	59.	58.	80.	66.	
13 52 22	147.	132.	97.	115.	97.	94.	LOW	78.	87.	53.	52.	82.	71.	
13 52 35	147.	136.	100.	115.	95.	95.	LOW	76.	85.	46.	46.	74.	68.	
13 52 32	149.	136.	102.	114.	97.	95.	LOW	79.	89.	51.	51.	85.	66.	
13 52 37	139.	129.	96.	113.	97.	97.	LOW	71.	83.	42.	42.	82.	67.	
13 52 42	143.	132.	98.	112.	97.	95.	LOW	75.	89.	51.	57.	82.	78.	
13 52 47	153.	136.	104.	111.	99.	92.	LOW	83.	91.	59.	55.	85.	78.	
13 52 57	149.	135.	103.	110.	98.	93.	LOW	80.	86.	56.	58.	84.	69.	
13 53 2	150.	126.	101.	106.	96.	96.	LOW	84.	89.	57.	56.	84.	69.	
13 53 7	152.	131.	101.	110.	97.	95.	LOW	82.	93.	56.	52.	76.	65.	
13 57 20	152.	138.	101.	111.	97.	95.	LOW	80.	91.	55.	53.	77.	64.	
13 57 30	150.	137.	100.	111.	96.	95.	LOW	79.	86.	57.	53.	81.	65.	
13 57 35	149.	135.	98.	112.	97.	95.	LOW	75.	82.	53.	50.	76.	61.	
13 57 48	143.	133.	101.	119.	95.	95.	LOW	64.	72.	42.	43.	67.	58.	
13 57 40	147.	135.	101.	116.	95.	94.	LOW	70.	79.	49.	48.	72.	59.	
13 57 45	142.	130.	98.	110.	95.	93.	LOW	73.	80.	56.	58.	84.	68.	
13 57 50	140.	127.	97.	113.	96.	93.	LOW	70.	76.	51.	52.	79.	66.	
13 58 0	143.	125.	96.	114.	98.	92.	LOW	67.	75.	50.	52.	75.	65.	
13 58 5	143.	123.	96.	115.	98.	91.	LOW	66.	74.	43.	48.	72.	61.	
13 58 10	148.	127.	97.	115.	96.	90.	LOW	64.	74.	32.	43.	74.	63.	
13 58 15	142.	131.	99.	112.	96.	90.	LOW	65.	78.	40.	50.	76.	65.	
13 58 20	148.	124.	95.	119.	97.	94.	LOW	64.	78.	44.	44.	67.	53.	
13 58 25	145.	129.	99.	117.	97.	92.	LOW	78.	81.	52.	48.	73.	59.	
13 58 31	145.	121.	97.	115.	97.	91.	LOW	72.	70.	47.	46.	68.	56.	
13 58 36	139.	123.	97.	116.	97.	92.	LOW	74.	79.	47.	45.	67.	54.	
13 58 41	144.	129.	98.	117.	96.	91.	LOW	74.	81.	50.	49.	78.	57.	

TIME M/M/S	SP TEMP HYD OIL INLET UTL PUMP	SP TEMP HYD OIL INLET UTL PUMP	EC 94 TEMP FWD EQUIP AFT CHECK L/H	EC 95 TEMP AFT EQUIP AFT CHECK L/H	EC 96 TEMP FWD EQUIP AFT CHECK R/H	EC 97 TEMP AFT EQUIP AFT CHECK R/H	EC 68 DOPP PROCES	EC 69 -O JOLT SOS JP	EC 70 ELEC PROC UT	EC 71 XMR HEATX IN	EC 72 XMR HEATX OUT	EC 73 CAOC	74 MAX COMP UNT
13 58 46	152.	138.	101.	112.	97.	91.	LOW	76.	85.	50.	56.	79.	67.
13 58 51	151.	136.	99.	116.	98.	93.	LOW	70.	79.	51.	49.	74.	64.
13 58 56	154.	137.	99.	117.	95.	90.	LOW	65.	73.	44.	32.	71.	61.
13 59 1	151.	135.	99.	117.	97.	91.	LOW	69.	76.	45.	41.	72.	62.
13 59 6	145.	128.	97.	114.	96.	93.	LOW	69.	73.	44.	46.	69.	59.
13 59 11	147.	130.	100.	113.	96.	93.	LOW	73.	79.	51.	51.	71.	63.
13 59 16	146.	132.	97.	116.	101.	91.	LOW	72.	76.	48.	44.	69.	56.
13 59 21	145.	130.	98.	116.	99.	91.	LOW	71.	75.	46.	44.	66.	55.
14 6 3	148.	132.	98.	117.	97.	91.	LOW	70.	74.	51.	49.	69.	58.
14 6 13	150.	134.	99.	117.	98.	90.	LOW	71.	74.	48.	49.	69.	55.
14 6 18	136.	140.	99.	112.	95.	93.	LOW	70.	74.	52.	54.	72.	61.
14 6 23	143.	144.	100.	112.	96.	93.	LOW	71.	76.	56.	55.	74.	63.
14 6 23	149.	149.	98.	115.	101.	93.	LOW	74.	76.	52.	54.	72.	61.
14 6 33	146.	147.	97.	115.	98.	94.	LOW	69.	76.	56.	55.	74.	63.
14 6 33	147.	136.	95.	114.	98.	92.	LOW	64.	72.	54.	54.	72.	61.
14 6 38	149.	140.	95.	116.	93.	92.	LOW	64.	72.	57.	58.	78.	69.
45 05 05	149.	141.	97.	110.	95.	90.	LOW	69.	70.	52.	55.	74.	68.
14 13 14	142.	142.	95.	110.	95.	92.	LOW	69.	78.	59.	61.	81.	71.
14 13 19	146.	141.	107.	111.	95.	93.	LOW	69.	77.	60.	62.	82.	71.
14 13 24	142.	132.	99.	112.	95.	94.	LOW	68.	81.	67.	70.	88.	71.
14 13 29	147.	134.	95.	110.	95.	91.	LOW	66.	69.	60.	64.	74.	67.
14 13 29	134.	126.	95.	112.	95.	92.	LOW	71.	69.	63.	66.	81.	73.
14 13 34	142.	130.	97.	115.	95.	94.	LOW	53.	61.	53.	56.	69.	61.
0 0 0	144.	120.	101.	112.	92.	93.	LOW	59.	67.	58.	62.	76.	67.
45 05 05	146.	128.	99.	112.	96.	84.	LOW	63.	67.	62.	64.	88.	71.
45 05 05	134.	118.	93.	111.	94.	90.	LOW	66.	67.	63.	67.	78.	63.
14 16 0	144.	127.	96.	114.	96.	93.	LOW	61.	64.	56.	59.	75.	63.
14 16 5	152.	131.	95.	116.	95.	93.	LOW	60.	69.	60.	61.	76.	65.
14 16 10	144.	129.	96.	114.	96.	94.	LOW	70.	71.	65.	67.	79.	71.
14 16 15	144.	127.	99.	118.	97.	95.	LOW	65.	67.	58.	59.	73.	63.
14 16 21	146.	129.	98.	109.	97.	92.	LOW	70.	70.	61.	61.	75.	68.
14 16 26	151.	131.	97.	113.	95.	95.	LOW	69.	72.	60.	63.	75.	67.
14 16 31	152.	132.	97.	113.	95.	95.	LOW	70.	72.	59.	61.	74.	67.
14 16 36	136.	133.	97.	113.	97.	97.	LOW	71.	73.	59.	61.	75.	68.
45 05 05	144.	133.	98.	113.	97.	96.	LOW	70.	73.	60.	62.	74.	68.
45 05 05	150.	132.	97.	112.	96.	95.	LOW	69.	73.	60.	61.	74.	69.
14 18 21	150.	133.	100.	113.	97.	96.	LOW	72.	74.	61.	61.	74.	72.
14 18 27	151.	134.	103.	113.	96.	98.	LOW	74.	74.	61.	62.	74.	74.
14 18 32	151.	133.	103.	113.	96.	98.	LOW	69.	74.	63.	61.	74.	74.
14 18 37	154.	134.	103.	112.	97.	97.	LOW	74.	74.	63.	61.	74.	74.
14 18 42	152.	134.	103.	112.	96.	97.	LOW	74.	74.	63.	61.	74.	74.
14 18 55	150.	134.	103.	113.	96.	97.	LOW	74.	74.	63.	61.	74.	74.
14 18 57	150.	134.	103.	114.	95.	97.	LOW	74.	74.	63.	61.	74.	74.
14 19 2	151.	134.	103.	115.	95.	97.	LOW	74.	74.	61.	53.	75.	72.
14 19 7	151.	134.	104.	112.	96.	99.	LOW	74.	74.	59.	58.	74.	77.
14 19 7	126.	103.	103.	113.	97.	95.	LOW	74.	74.	60.	63.	76.	75.
0 1 12	149.	129.	103.	112.	97.	95.	LOW	75.	74.	59.	50.	76.	69.
				113.	97.	97.	LOW				61.	77.	72.

TIME H/M/S	EC 75 WAST FREQ GN	EC 76 INER REF UNT	EC 80 TRANS S/NC	EC 81 R/H TFR COMP	EC 82 STU EX AIR	EC 83 OOPP ELEC UT	EC 84 GNC	EC 85 CONVER ROTT	EC 86 MOC	EC 87 SPARE	EC 88 STU IN AMB A	EC 89 ARS POM SUPP	EC 90 CONVER TOP
12 55 53	97.	97.	95.	99.	97.	98.	104.	97.	93.	848.	99.	96.	96.
12 55 58	97.	97.	92.	98.	97.	99.	107.	96.	94.	*000000.	98.	95.	93.
12 56 3	97.	97.	95.	97.	97.	100.	99.	95.	97.	LOW	97.	95.	95.
12 56 8	96.	96.	96.	97.	96.	99.	92.	94.	100.	LOW	96.	95.	95.
12 56 13	97.	97.	95.	99.	95.	99.	88.	94.	99.	LOW	98.	97.	94.
12 56 18	97.	36.	95.	99.	96.	96.	94.	95.	99.	LOW	98.	98.	94.
12 56 28	98.	96.	94.	98.	96.	97.	95.	93.	97.	LOW	96.	96.	94.
12 56 33	99.	96.	95.	99.	96.	97.	99.	93.	98.	LOW	95.	97.	95.
12 56 38	97.	97.	95.	95.	94.	98.	92.	92.	96.	LOW	96.	97.	95.
12 56 43	97.	97.	96.	96.	94.	98.	98.	92.	98.	LOW	96.	97.	95.
12 56 51	97.	97.	95.	99.	95.	98.	118.	95.	95.	LOW	98.	95.	93.
12 56 56	96.	97.	92.	99.	96.	98.	101.	93.	96.	LOW	97.	95.	94.
12 56 53	95.	97.	98.	100.	95.	99.	93.	91.	96.	LOW	97.	96.	94.
12 56 58	96.	97.	97.	99.	95.	99.	95.	96.	96.	LOW	97.	98.	95.
12 57 3	98.	94.	93.	97.	97.	97.	98.	96.	98.	LOW	97.	58.	95.
12 57 8	98.	96.	94.	97.	96.	97.	94.	94.	100.	64.	97.	95.	95.
13 22 20	104.	103.	91.	97.	97.	95.	91.	95.	97.	*000000.	100.	95.	94.
13 22 25	99.	99.	95.	98.	97.	96.	91.	97.	95.	LOW	97.	95.	94.
13 22 30	90.	91.	97.	101.	95.	101.	98.	93.	95.	LOW	98.	188.	94.
13 22 35	89.	91.	97.	98.	97.	101.	99.	94.	93.	LOW	99.	93.	95.
13 22 40	106.	91.	93.	96.	98.	96.	99.	97.	94.	LOW	98.	94.	94.
13 22 45	99.	101.	94.	95.	95.	97.	96.	93.	99.	LOW	98.	97.	97.
13 22 50	101.	99.	96.	99.	96.	96.	98.	93.	95.	LOW	93.	96.	94.
13 23 0	95.	96.	95.	93.	96.	96.	98.	97.	97.	LOW	100.	93.	94.
13 23 5	90.	90.	95.	97.	97.	94.	88.	97.	94.	LOW	98.	93.	93.
13 23 10	93.	89.	92.	98.	98.	93.	89.	95.	90.	LOW	97.	94.	94.
13 24 43	94.	81.	92.	97.	95.	86.	87.	92.	93.	*737856.	97.	95.	92.
13 24 48	95.	84.	88.	95.	95.	89.	94.	93.	90.	LOW	97.	92.	92.
13 24 53	94.	85.	89.	95.	92.	89.	102.	93.	93.	LOW	98.	94.	95.
13 25 58	95.	90.	91.	97.	92.	89.	94.	92.	93.	LOW	95.	95.	93.
13 25 3	95.	90.	90.	98.	95.	90.	95.	92.	90.	LOW	98.	91.	93.
13 25 8	93.	91.	90.	95.	94.	91.	91.	93.	88.	LOW	98.	93.	91.
13 25 13	94.	92.	91.	96.	93.	91.	97.	92.	91.	LOW	97.	95.	91.
13 25 18	97.	97.	90.	96.	93.	96.	96.	92.	97.	LOW	93.	90.	91.
13 25 23	96.	94.	90.	95.	95.	90.	92.	91.	91.	LOW	94.	96.	91.
13 25 28	94.	92.	90.	95.	95.	90.	91.	92.	96.	LOW	94.	96.	92.
13 25 33	94.	92.	90.	96.	95.	90.	105.	91.	92.	LOW	97.	96.	91.
13 25 43	91.	93.	90.	96.	95.	90.	96.	93.	91.	LOW	97.	94.	91.
13 25 48	91.	93.	90.	96.	95.	90.	103.	91.	93.	LOW	96.	87.	93.
13 25 53	95.	94.	88.	97.	94.	88.	103.	90.	94.	LOW	96.	91.	91.
13 25 58	95.	94.	89.	96.	95.	88.	98.	94.	88.	LOW	98.	92.	91.
13 26 3	96.	92.	88.	96.	97.	85.	98.	87.	91.	LOW	96.	92.	91.
13 26 8	94.	94.	89.	95.	95.	86.	89.	93.	97.	LOW	97.	93.	98.

TIME M/M/S	EC 75 MAST FREQ GN	EC 76 INNER REF UNIT	EC 80 TRANS SYNC	EC 81 R/H TFR COMP	EC 82 STU EX AIR	EC 83 DOPP ELEC UT	EC 84 GNC	EC 85 CONVER 3011	EC 86 WDC	EC 87 SPARE	EC 88 STU IN AMB A	EC 89 ARS POW SUPP	EC 90 CONVER TOP
13 26 13	96.	95.	88.	96.	97.	88.	99.	93.	94.	LOM	96.	92.	91.
13 26 18	95.	95.	90.	97.	93.	89.	95.	92.	90.	LOM	95.	90.	91.
13 26 23	95.	93.	89.	96.	94.	88.	91.	92.	88.	LOM	95.	93.	91.
13 26 29	90.	89.	87.	95.	96.	85.	105.	95.	94.	LOM	95.	94.	90.
13 26 34	94.	93.	86.	96.	96.	86.	100.	94.	91.	LOM	95.	95.	90.
13 26 39	100.	93.	87.	97.	95.	86.	103.	93.	90.	LOM	94.	91.	92.
13 26 44	94.	92.	86.	95.	95.	86.	95.	93.	82.	LOM	96.	91.	92.
13 26 49	94.	81.	87.	95.	95.	85.	105.	90.	80.	LOM	97.	91.	93.
13 26 54	94.	95.	87.	95.	96.	86.	98.	91.	90.	LOM	98.	91.	91.
13 26 59	90.	95.	88.	95.	93.	87.	90.	93.	87.	LOM	95.	95.	90.
13 27 4	92.	92.	83.	96.	93.	86.	91.	92.	87.	LOM	95.	92.	91.
13 27 9	91.	90.	86.	94.	97.	84.	94.	94.	86.	LOM	97.	90.	92.
13 27 14	90.	90.	86.	95.	96.	84.	99.	91.	85.	LOM	98.	93.	91.
13 27 19	95.	99.	85.	97.	97.	82.	99.	95.	85.	LOM	95.	91.	93.
13 27 24	94.	96.	86.	96.	97.	84.	97.	94.	85.	LOM	95.	92.	92.
13 27 29	91.	91.	85.	97.	95.	85.	84.	93.	88.	LOM	97.	94.	93.
13 27 34	94.	95.	85.	97.	97.	84.	95.	94.	90.	LOM	98.	93.	92.
13 27 39	95.	95.	85.	93.	97.	84.	96.	90.	90.	LOM	97.	90.	92.
13 27 44	100.	93.	86.	95.	97.	84.	97.	91.	89.	LOM	96.	91.	91.
13 27 49	102.	95.	86.	95.	97.	87.	87.	94.	89.	LOM	95.	91.	90.
13 27 54	96.	98.	86.	95.	95.	86.	85.	93.	90.	LOM	95.	92.	87.
13 27 59	92.	92.	83.	97.	89.	82.	87.	93.	94.	LOM	96.	93.	93.
13 28 4	92.	93.	83.	96.	91.	82.	88.	92.	91.	LOM	96.	90.	92.
13 28 9	90.	90.	84.	95.	96.	83.	92.	93.	94.	LOM	98.	91.	91.
13 28 19	95.	95.	86.	94.	95.	86.	91.	94.	96.	LOM	98.	92.	91.
13 28 24	88.	93.	84.	93.	93.	85.	98.	92.	95.	LOM	95.	89.	92.
13 28 29	86.	94.	84.	94.	94.	83.	38.	92.	95.	LOM	95.	89.	93.
13 28 34	98.	97.	84.	97.	95.	74.	84.	92.	88.	LOM	94.	89.	91.
13 28 39	93.	98.	85.	97.	95.	76.	95.	92.	88.	LOM	94.	88.	91.
13 28 44	101.	101.	84.	95.	97.	83.	90.	95.	89.	LOM	95.	88.	92.
13 28 49	103.	104.	84.	96.	95.	84.	99.	94.	90.	LOM	96.	89.	92.
13 28 54	99.	97.	83.	96.	95.	83.	95.	93.	93.	LOM	94.	91.	92.
13 28 59	100.	97.	84.	94.	97.	84.	98.	96.	87.	LOM	97.	89.	91.
13 29 5	90.	96.	83.	95.	96.	83.	98.	96.	87.	LOM	98.	90.	91.
13 29 10	90.	96.	83.	97.	97.	84.	103.	89.	91.	LOM	95.	84.	93.
13 29 15	98.	104.	84.	96.	96.	83.	98.	91.	89.	LOM	93.	87.	92.
13 29 20	99.	100.	83.	95.	97.	82.	84.	95.	90.	LOM	93.	89.	88.
13 29 25	101.	96.	84.	94.	97.	83.	92.	95.	90.	LOM	98.	90.	90.
13 29 30	99.	97.	86.	95.	97.	84.	87.	95.	87.	LOM	99.	90.	91.
13 29 35	101.	98.	87.	92.	98.	83.	91.	95.	91.	LOM	98.	87.	87.
13 29 40	91.	91.	82.	94.	97.	82.	99.	95.	86.	LOM	98.	88.	90.
13 29 45	89.	83.	82.	89.	97.	81.	94.	95.	97.	LOM	97.	89.	93.
13 29 50	93.	98.	82.	95.	98.	81.	93.	95.	97.	LOM	97.	91.	92.
13 29 55	96.	96.	83.	96.	97.	82.	89.	92.	82.	LOM	97.	91.	91.
13 30 0	102.	97.	86.	93.	94.	74.	97.	94.	88.	LOM	98.	90.	89.
13 30 5	98.	92.	84.	92.	97.	78.	94.	94.	91.	LOM	98.	87.	90.
13 30 10	97.	99.	82.	97.	95.	81.	93.	94.	91.	LOM	96.	89.	90.
13 30 15	96.	95.	81.	95.	96.	81.	93.	94.	93.	LOM	96.	89.	90.

TIME H/M/S	EC 75 MART FREQ GN	EC 75 TYER PRF UNT	EC 75 TRAN- SYNC	EC 81 P/W TFP COMP	EC 82 STU EX AIR	EC 83 DOPP ELEC UT	EC 84 GNC	EC 85 CONVER LOTT	EC 86 PDC	EC 87 SPACE	EC 88 STU IN A4B A	EC 89 ARS POW SUPP	EC 90 CONVER TOP
13 30 20	94.	95.	79.	97.	95.	82.	97.	94.	90.	LOW	97.	88.	93.
13 30 25	97.	97.	83.	96.	95.	91.	97.	91.	37.	LOW	96.	93.	93.
13 30 30	90.	95.	76.	94.	95.	83.	103.	94.	40.	LOW	95.	92.	94.
13 30 35	93.	96.	70.	95.	92.	93.	100.	33.	89.	LOW	95.	91.	94.
13 30 40	101.	97.	84.	95.	92.	85.	101.	41.	91.	LOW	90.	91.	91.
13 30 45	93.	93.	83.	94.	93.	94.	96.	37.	93.	LOW	94.	92.	91.
13 30 50	97.	96.	82.	93.	96.	94.	95.	97.	96.	LOW	97.	98.	91.
13 30 55	93.	90.	81.	93.	96.	84.	90.	95.	96.	LOW	97.	90.	93.
13 31 00	102.	90.	78.	95.	95.	80.	92.	88.	90.	LOW	95.	91.	98.
13 31 05	102.	101.	83.	94.	95.	93.	90.	93.	92.	LOW	96.	90.	91.
13 31 10	94.	93.	80.	94.	93.	80.	90.	95.	90.	LOW	95.	89.	93.
13 31 15	93.	90.	79.	91.	93.	80.	91.	95.	90.	LOW	96.	88.	93.
13 31 20	101.	90.	73.	94.	93.	80.	100.	94.	84.	LOW	93.	86.	93.
13 31 25	95.	94.	80.	94.	93.	80.	100.	93.	87.	LOW	94.	89.	93.
13 31 30	97.	90.	79.	95.	95.	81.	97.	96.	38.	LOW	97.	88.	90.
13 31 35	95.	96.	80.	95.	95.	82.	95.	94.	91.	LOW	95.	89.	91.
13 31 40	98.	90.	80.	92.	90.	81.	105.	95.	90.	LOW	95.	86.	87.
13 31 45	95.	95.	79.	92.	92.	81.	95.	36.	89.	LOW	96.	86.	90.
13 32 00	94.	92.	79.	91.	95.	80.	95.	95.	91.	LOW	97.	85.	93.
13 32 05	92.	92.	81.	91.	95.	81.	93.	92.	91.	LOW	98.	86.	92.
13 32 10	87.	76.	78.	92.	93.	80.	86.	94.	90.	LOW	91.	89.	94.
13 32 15	87.	82.	70.	92.	95.	80.	95.	94.	91.	LOW	91.	88.	94.
13 32 20	95.	85.	81.	91.	97.	82.	91.	95.	93.	LOW	98.	88.	93.
13 32 25	91.	81.	79.	91.	95.	81.	93.	94.	89.	LOW	96.	87.	94.
13 32 30	103.	93.	82.	92.	95.	82.	92.	95.	85.	LOW	98.	85.	91.
13 32 35	95.	94.	81.	92.	93.	82.	90.	94.	86.	LOW	94.	86.	93.
13 32 40	98.	90.	79.	93.	94.	81.	102.	95.	88.	LOW	93.	86.	95.
13 32 45	92.	93.	79.	90.	95.	81.	97.	94.	90.	LOW	95.	87.	92.
13 32 50	97.	93.	81.	91.	95.	81.	99.	92.	94.	LOW	95.	87.	93.
13 32 55	97.	97.	80.	91.	95.	81.	89.	93.	93.	LOW	98.	86.	94.
13 33 00	93.	93.	78.	87.	96.	82.	89.	95.	92.	LOW	97.	87.	92.
13 33 05	93.	93.	80.	89.	90.	73.	94.	94.	94.	LOW	96.	84.	93.
13 33 10	93.	93.	79.	89.	91.	82.	97.	95.	95.	LOW	97.	84.	93.
13 33 15	93.	93.	79.	90.	91.	81.	93.	94.	94.	LOW	95.	86.	94.
13 33 20	93.	93.	79.	90.	91.	81.	93.	94.	94.	LOW	95.	86.	94.
13 33 25	93.	93.	79.	90.	91.	81.	93.	94.	94.	LOW	95.	86.	94.
13 33 30	93.	93.	79.	90.	91.	81.	93.	94.	94.	LOW	95.	86.	94.
13 33 35	93.	93.	79.	90.	91.	81.	93.	94.	94.	LOW	95.	86.	94.
13 33 40	93.	93.	79.	90.	91.	81.	93.	94.	94.	LOW	95.	86.	94.
13 33 45	93.	93.	79.	90.	91.	81.	93.	94.	94.	LOW	95.	86.	94.
13 33 50	93.	93.	79.	90.	91.	81.	93.	94.	94.	LOW	95.	86.	94.
13 33 55	93.	93.	79.	90.	91.	81.	93.	94.	94.	LOW	95.	86.	94.
13 34 00	93.	93.	79.	90.	91.	81.	93.	94.	94.	LOW	95.	86.	94.
13 34 05	93.	93.	79.	90.	91.	81.	93.	94.	94.	LOW	95.	86.	94.
13 34 10	93.	93.	79.	90.	91.	81.	93.	94.	94.	LOW	95.	86.	94.
13 34 15	93.	93.	79.	90.	91.	81.	93.	94.	94.	LOW	95.	86.	94.
13 34 20	93.	93.	79.	90.	91.	81.	93.	94.	94.	LOW	95.	86.	94.
13 34 25	93.	93.	79.	90.	91.	81.	93.	94.	94.	LOW	95.	86.	94.
13 34 30	93.	93.	79.	90.	91.	81.	93.	94.	94.	LOW	95.	86.	94.
13 34 35	93.	93.	79.	90.	91.	81.	93.	94.	94.	LOW	95.	86.	94.
13 34 40	93.	93.	79.	90.	91.	81.	93.	94.	94.	LOW	95.	86.	94.
13 34 45	93.	93.	79.	90.	91.	81.	93.	94.	94.	LOW	95.	86.	94.
13 34 50	93.	93.	79.	90.	91.	81.	93.	94.	94.	LOW	95.	86.	94.
13 34 55	93.	93.	79.	90.	91.	81.	93.	94.	94.	LOW	95.	86.	94.

TIME W/M/S	EC 75 MAST FREQ CV	EC 76 INNER REF UNIT	EC 80 TRANS SYNC	EC 81 R/H IFR COMP	EC 82 STU EX AIR	EC 83 DOPP ELEC UT	EC 84 GNC	EC 85 CONVER BOIT	EC 86 MOC	EC 87 SPARE	EC 88 STU IN AMB A	EC 89 ARS POW SUPP	EC 90 CONVER TOP
13 34 59	97.	84.	78.	91.	95.	80.	91.	35.	89.	LOW	95.	82.	93.
13 35 4	102.	59.	80.	90.	94.	82.	98.	94.	97.	LOW	97.	84.	93.
13 35 9	101.	89.	80.	90.	95.	82.	98.	95.	97.	LOW	96.	85.	93.
13 35 14	83.	73.	78.	89.	93.	79.	95.	93.	95.	LOW	95.	86.	96.
13 35 19	84.	74.	78.	88.	94.	79.	92.	94.	95.	LOW	96.	86.	93.
13 35 24	101.	89.	76.	90.	94.	80.	98.	95.	93.	LOW	93.	84.	92.
13 35 29	101.	89.	76.	88.	94.	80.	90.	95.	91.	LOW	94.	84.	92.
13 35 34	88.	76.	76.	90.	93.	80.	98.	94.	91.	LOW	93.	88.	94.
13 35 39	93.	81.	78.	90.	94.	81.	98.	94.	93.	LOW	94.	88.	94.
13 35 44	78.	74.	74.	88.	93.	79.	92.	57.	91.	LOW	94.	87.	94.
13 35 49	81.	74.	72.	83.	94.	79.	92.	97.	92.	LOW	95.	86.	92.
13 51 26	78.	73.	68.	78.	91.	73.	100.	97.	89.	LOW	92.	78.	94.
13 51 31	78.	71.	67.	77.	91.	73.	105.	97.	92.	LOW	88.	74.	95.
13 51 36	91.	86.	66.	81.	74.	73.	99.	97.	94.	LOW	86.	72.	96.
13 51 41	90.	82.	66.	81.	84.	72.	102.	98.	97.	LOW	87.	73.	92.
13 51 46	78.	75.	69.	78.	91.	73.	103.	96.	95.	LOW	84.	73.	95.
13 51 51	82.	77.	67.	77.	93.	71.	107.	97.	96.	LOW	87.	73.	96.
13 51 56	83.	76.	68.	80.	91.	66.	108.	95.	94.	LOW	88.	74.	97.
13 52 2	82.	75.	68.	78.	93.	70.	104.	96.	91.	LOW	90.	74.	96.
13 52 15	84.	78.	64.	78.	94.	71.	114.	96.	97.	LOW	84.	71.	97.
13 52 12	86.	80.	67.	79.	93.	71.	106.	96.	97.	LOW	86.	72.	96.
13 52 17	89.	79.	67.	76.	94.	70.	114.	98.	88.	LOW	88.	63.	96.
13 52 22	86.	80.	68.	78.	92.	72.	112.	97.	93.	LOW	88.	68.	96.
13 52 35	76.	67.	67.	76.	92.	68.	105.	98.	87.	LOW	88.	71.	97.
13 52 32	81.	74.	68.	76.	91.	71.	98.	97.	91.	LOW	88.	70.	96.
13 52 37	88.	74.	64.	88.	94.	70.	99.	97.	99.	LOW	88.	71.	97.
13 52 42	88.	79.	66.	80.	93.	78.	100.	96.	93.	LOW	88.	71.	97.
13 52 47	85.	79.	69.	76.	91.	68.	92.	95.	93.	LOW	84.	71.	97.
13 52 52	87.	78.	68.	76.	92.	68.	101.	97.	93.	LOW	82.	78.	95.
13 52 57	88.	80.	65.	78.	93.	70.	99.	95.	97.	LOW	85.	71.	95.
13 53 2	87.	79.	67.	77.	92.	72.	108.	95.	99.	LOW	86.	72.	95.
13 53 7	80.	73.	63.	74.	93.	69.	110.	97.	95.	LOW	89.	69.	99.
13 53 20	79.	73.	63.	74.	93.	69.	110.	97.	95.	LOW	89.	69.	99.
13 53 30	81.	74.	64.	76.	89.	67.	95.	94.	94.	LOW	88.	68.	98.
13 53 35	76.	72.	65.	75.	90.	69.	95.	95.	95.	LOW	88.	68.	95.
13 53 40	76.	76.	66.	76.	84.	71.	92.	95.	90.	LOW	88.	71.	95.
13 53 45	76.	75.	64.	74.	88.	69.	92.	96.	93.	LOW	85.	71.	95.
13 53 50	85.	90.	64.	74.	91.	69.	97.	96.	88.	LOW	85.	68.	93.
13 54 0	83.	90.	65.	75.	89.	70.	99.	95.	94.	LOW	82.	78.	94.
13 54 5	84.	92.	67.	75.	91.	73.	95.	90.	97.	LOW	82.	71.	92.
13 54 10	79.	87.	65.	75.	91.	73.	92.	93.	97.	LOW	84.	69.	92.
13 54 15	81.	88.	57.	73.	93.	72.	97.	97.	91.	LOW	86.	71.	92.
13 54 20	78.	79.	57.	75.	89.	69.	96.	96.	90.	LOW	84.	69.	95.
13 54 25	75.	80.	64.	75.	88.	70.	97.	95.	94.	LOW	81.	69.	95.
13 54 30	71.	82.	66.	74.	89.	70.	96.	95.	95.	LOW	81.	70.	95.
13 54 35	71.	82.	62.	74.	89.	70.	96.	95.	93.	LOW	84.	69.	95.
13 54 40	71.	82.	62.	74.	89.	70.	96.	95.	93.	LOW	84.	69.	95.
13 54 45	71.	82.	62.	74.	89.	70.	96.	95.	93.	LOW	84.	69.	95.
13 54 50	71.	82.	62.	74.	89.	70.	96.	95.	93.	LOW	84.	69.	95.
13 54 55	71.	82.	62.	74.	89.	70.	96.	95.	93.	LOW	84.	69.	95.
13 55 0	71.	82.	62.	74.	89.	70.	96.	95.	93.	LOW	84.	69.	95.
13 55 5	71.	82.	62.	74.	89.	70.	96.	95.	93.	LOW	84.	69.	95.
13 55 10	71.	82.	62.	74.	89.	70.	96.	95.	93.	LOW	84.	69.	95.
13 55 15	71.	82.	62.	74.	89.	70.	96.	95.	93.	LOW	84.	69.	95.
13 55 20	71.	82.	62.	74.	89.	70.	96.	95.	93.	LOW	84.	69.	95.
13 55 25	71.	82.	62.	74.	89.	70.	96.	95.	93.	LOW	84.	69.	95.
13 55 30	71.	82.	62.	74.	89.	70.	96.	95.	93.	LOW	84.	69.	95.
13 55 35	71.	82.	62.	74.	89.	70.	96.	95.	93.	LOW	84.	69.	95.
13 55 40	71.	82.	62.	74.	89.	70.	96.	95.	93.	LOW	84.	69.	95.
13 55 45	71.	82.	62.	74.	89.	70.	96.	95.	93.	LOW	84.	69.	95.
13 55 50	71.	82.	62.	74.	89.	70.	96.	95.	93.	LOW	84.	69.	95.
13 55 55	71.	82.	62.	74.	89.	70.	96.	95.	93.	LOW	84.	69.	95.
13 56 0	71.	82.	62.	74.	89.	70.	96.	95.	93.	LOW	84.	69.	95.
13 56 5	71.	82.	62.	74.	89.	70.	96.	95.	93.	LOW	84.	69.	95.
13 56 10	71.	82.	62.	74.	89.	70.	96.	95.	93.	LOW	84.	69.	95.
13 56 15	71.	82.	62.	74.	89.	70.	96.	95.	93.	LOW	84.	69.	95.
13 56 20	71.	82.	62.	74.	89.	70.	96.	95.	93.	LOW	84.	69.	95.
13 56 25	71.	82.	62.	74.	89.	70.	96.	95.	93.	LOW	84.	69.	95.
13 56 30	71.	82.	62.	74.	89.	70.	96.	95.	93.	LOW	84.	69.	95.
13 56 35	71.	82.	62.	74.	89.	70.	96.	95.	93.	LOW	84.	69.	95.
13 56 40	71.	82.	62.	74.	89.	70.	96.	95.	93.	LOW	84.	69.	95.
13 56 45	71.	82.	62.	74.	89.	70.	96.	95.	93.	LOW	84.	69.	95.
13 56 50	71.	82.	62.	74.	89.	70.	96.	95.	93.	LOW	84.	69.	95.
13 56 55	71.	82.	62.	74.	89.	70.	96.	95.	93.	LOW	84.	69.	95.
13 57 0	71.	82.	62.	74.	89.	70.	96.	95.	93.	LOW	84.	69.	95.
13 57 5	71.	82.	62.	74.	89.	70.	96.	95.	93.	LOW	84.	69.	95.
13 57 10	71.	82.	62.	74.	89.	70.	96.	95.	93.	LOW	84.	69.	95.
13 57 15	71.	82.	62.	74.	89.	70.	96.	95.	93.	LOW	84.	69.	95.
13 57 20	71.	82.	62.	74.	89.	70.	96.	95.	93.	LOW	84.	69.	95.
13 57 25	71.	82.	62.	74.	89.	70.	96.	95.	93.	LOW	84.	69.	95.
13 57 30	71.	82.	62.	74.	89.	70.	96.	95.	93.	LOW	84.	69.	95.
13 57 35	71.	82.	62.	74.	89.	70.	96.	95.	93.	LOW	84.	69.	95.
13 57 40	71.	82.	62.	74.	89.	70.	96.	95.	93.	LOW	84.	69.	95.
13 57 45	71.	82.	62.	74.	89.	70.	96.	95.	93.	LOW	84.	69.	95.
13 57 50	71.	82.	62.	74.	89.	70.	96.	95.	93.	LOW	84.	69.	95.
13 57 55	71.	82.	62.	74.	89.	70.	96.	95.	93.	LOW	84.	69.	95.
13 58 0	71.	82.	62.	74.	89.	70.	96.	95.	93.	LOW	84.	69.	95.
13 58 5	71.	82.	62.	74.	89.	70.	96.	95.	93.	LOW	84.	69.	95.
13 58 10	71.	82.	62.	74.	89.	70.	96.	95.	93.	LOW	84.	69.	95.
13 58 15	71.	82.	62.	74.	89.	70.	96.	95.	93.	LOW	84.	69.	95.
13 58 20	71.	82.	62.	74.	89.	70.	96.	95.	93.	LOW	84.	69.	95.
13 58 25	71.	82.	62.	74.	89.	70.	96.	95.	93.	LOW	84.	69.	95.
13 58 30	71.	82.	62.	74.	89.	70.	96.	95.	93.	LOW	84.	69.	95.
13 58 35	71.	82.	62.	74.	89.	70.	96.	95.	93.	LOW	84.	69.	95.
13 58 40	71.	82.	62.	74.	89.	70.	96.	95.	93.	LOW	84.	69.	95.
13 58 45	71.	82.	62.	74.	89.	70.	96.	95.	93.	LOW	84.	69.	95.
13 58 50	71.	82.	62.	74.	89.	70.	96.	95.	93.	LOW	84.	69.	95.
13 58 55	71.	82.	62.	74.	89.	70.	96.	95.	93.	LOW	84.	69.	95.
13 59 0	71.	82.	62.	74.	89.	70.	96.	95.	93.	LOW	84.	69.	95.
13 59 5	71.	82.	62.	74.	89.	70.	96.	95.	93.	LOW	84.	69.	95.
13 59 10	71.	82.	62.	74.	89.	70.	96.	95.	93.	LOW	84.	69.	95.
13 59 15	71.	82.	62.	74.	89.	70.	96.	95.	93.	LOW	84.	69.	95.
13 59 20	71.	82.	62.	74.	89.	70.	96.	95.	93.	LOW	84.	69.	95.
13 59 25	71.	82.	62.	74.	89.	70.	96.	95.	93.	LOW	84.	69.	95.
13 59 30	71.	82.	62.	74.	89.	70.	96.	95.	93.	LOW	84.	69.	95.
13 59 35	71.	82.	62.	74.	89.	70.	96.	95.	93.	LOW	84.	69.	95.
13 59 40	71.	82.	62.	74.	89.	70.	96.	95.	93.	LOW	84.	69.	95.
13 59 45	71.	82.	62.	74.	89.	70.	96.	95.	93.	LOW	84.	69.	95.
13 59 50	71.	82.	62.	74.	89.	70.	96.	95.	93.	LOW	84.	69.	95.
13 59 55	71.	82.	62.	74.	89.	70.	96.	95.	93.	LOW	84.	69.	95.
13 60 0	71.	82.	62.	74.	89.	70.	96.	95.	93.	LOW	84.	69.	95.

TIME H/M/S	EC 75 MAST FREQ CN	EC 76 INNER REF UNT	EC 80 TRANS SYNC	EC 81 R/H TFR COMP	EC 82 STU EX AIR	EC 83 DOPP ELEC UT	EC 84 GNC	EC 85 CONVER POTT	EC 86 MOC	EC 87 SPARE	EC 88 STU IN AMB A	EC 89 ARS POW SUPP	EC 90 CONVER TOP
13 54 46	82.	92.	66.	72.	90.	70.	39.	93.	97.	LOW	82.	71.	93.
13 54 51	81.	92.	65.	74.	90.	69.	97.	95.	95.	LOW	78.	71.	94.
13 54 56	88.	90.	65.	74.	91.	69.	88.	97.	93.	LOW	84.	69.	92.
13 55 1	79.	86.	62.	74.	93.	66.	91.	96.	95.	LOW	85.	70.	93.
13 55 6	76.	80.	65.	75.	90.	69.	93.	94.	96.	LOW	80.	72.	95.
13 55 11	80.	82.	66.	74.	91.	70.	91.	92.	97.	LOW	81.	71.	95.
13 55 16	75.	73.	66.	72.	90.	67.	90.	97.	95.	LOW	85.	71.	94.
13 55 21	73.	71.	65.	72.	91.	68.	94.	96.	93.	LOW	86.	71.	94.
14 6 3	74.	73.	65.	72.	90.	69.	95.	96.	95.	LOW	86.	70.	94.
14 6 8	72.	73.	64.	71.	90.	67.	97.	95.	94.	*737856.	84.	69.	95.
14 6 13	63.	71.	61.	69.	87.	63.	95.	97.	95.	LOW	86.	65.	97.
14 6 18	68.	74.	62.	70.	90.	66.	99.	97.	98.	LOW	85.	64.	97.
14 6 23	72.	73.	63.	67.	90.	68.	101.	94.	97.	LOW	82.	67.	97.
14 6 23	74.	74.	63.	69.	90.	67.	108.	95.	96.	LOW	84.	66.	96.
14 6 33	82.	30.	67.	70.	91.	70.	183.	98.	93.	LOW	74.	64.	93.
14 6 33	79.	70.	66.	72.	90.	69.	105.	96.	95.	LOW	77.	66.	95.
14 6 38	81.	83.	53.	72.	91.	69.	103.	96.	95.	LOW	88.	64.	97.
45 85 85	81.	84.	56.	72.	91.	68.	105.	96.	94.	LOW	88.	64.	97.
14 13 14	74.	74.	64.	69.	95.	69.	103.	97.	98.	LOW	83.	63.	99.
14 13 19	82.	72.	67.	70.	90.	69.	101.	98.	96.	LOW	78.	65.	99.
14 13 24	82.	82.	67.	70.	92.	71.	109.	97.	105.	LOW	83.	67.	98.
14 13 29	79.	75.	66.	69.	92.	70.	107.	97.	100.	LOW	83.	66.	99.
14 13 29	70.	69.	65.	69.	91.	71.	108.	95.	102.	LOW	84.	67.	97.
14 13 34	77.	75.	66.	70.	92.	70.	102.	96.	102.	LOW	95.	65.	97.
14 13 34	79.	70.	65.	70.	91.	69.	105.	98.	103.	LOW	84.	67.	97.
8 0 0	79.	70.	65.	70.	91.	69.	101.	97.	102.	LOW	84.	66.	98.
45 85 85	81.	80.	66.	70.	91.	69.	102.	97.	102.	LOW	84.	66.	98.
45 85 85	72.	71.	67.	66.	91.	71.	102.	97.	100.	LOW	84.	65.	97.
14 16 8	72.	69.	65.	69.	91.	69.	95.	97.	102.	LOW	84.	64.	98.
14 16 5	88.	70.	66.	69.	91.	69.	102.	97.	100.	LOW	84.	64.	98.
14 16 10	77.	69.	65.	69.	91.	69.	102.	97.	100.	LOW	84.	65.	97.
14 16 15	73.	71.	64.	69.	90.	69.	104.	97.	98.	LOW	85.	66.	98.
14 16 21	77.	73.	64.	69.	90.	70.	104.	97.	99.	LOW	85.	59.	98.
14 16 26	72.	69.	65.	71.	90.	72.	113.	97.	93.	LOW	84.	65.	98.
14 16 31	74.	72.	66.	68.	89.	72.	112.	97.	95.	LOW	84.	66.	97.
14 16 36	74.	74.	64.	71.	88.	76.	106.	97.	95.	LOW	78.	68.	99.
45 85 85	73.	74.	66.	71.	88.	75.	102.	96.	96.	LOW	81.	68.	97.
45 85 85	73.	74.	66.	72.	74.	75.	102.	97.	89.	-106.	85.	68.	97.
14 18 21	72.	77.	66.	73.	81.	77.	109.	97.	91.	*737856.	84.	70.	98.
14 18 27	73.	80.	72.	74.	90.	78.	102.	97.	92.	LOW	85.	73.	99.
14 19 32	72.	70.	71.	71.	88.	78.	101.	97.	91.	LOW	85.	73.	98.
14 19 37	72.	80.	69.	68.	89.	78.	105.	98.	91.	LOW	85.	71.	99.
14 19 42	68.	80.	70.	70.	88.	79.	100.	97.	92.	LOW	83.	70.	99.
14 19 55	73.	79.	70.	74.	83.	79.	103.	95.	92.	LOW	82.	71.	188.
14 19 52	73.	75.	69.	74.	87.	78.	98.	95.	92.	LOW	83.	71.	188.
14 19 57	74.	77.	68.	74.	84.	75.	95.	97.	93.	LOW	84.	71.	99.
14 19 2	74.	77.	69.	72.	84.	75.	93.	96.	93.	LOW	84.	71.	98.
14 19 7	67.	78.	63.	68.	89.	77.	90.	97.	89.	LOW	84.	71.	96.
8 1 12	70.	79.	69.	71.	87.	77.	91.	97.	91.	LOW	83.	72.	98.

C COMMUTATOR

TIME H/M/S	ED 31 PAINT CON UT	AF 15 TEMP FUEL INLET HYD COOLER UTL	AF 16 TEMP FUEL OUTLET HYD COOLER UTL	AF 19 TEMP OIL OUTLET FUELOL COOLER L/HENG	AF 20 TEMP OIL OUTLET A/B COOLER L/HENG	SP 3 TEMP HYD OIL OUTLET UTL PUMP	SP 7 TEMP HYD OIL OUTLET PRIMRY PUMP	AF 7 TEMP FUEL INLET MAIN CONTRL OUTLET L/HENG	AF 8 TEMP FUEL INLET A/B FUELCT L/HENG	AF 9 TEMP FUEL INLET A/B FUELCT L/HENG	AF 22 TEMP OIL TANK L/HENG	AF 27 TEMP OIL INLET AIR-CL COOLER L/HENG	AF 28 TEMP OIL OUTLET AIR-CL COOLER L/HENG
12 55 53	848.	98.	93.	87.	95.	91.	92.	LOW	LOW	90.2	94.	97.	95.
12 55 56	848.	97.	92.	89.	95.	92.	92.	LOW	LOW	98.2	93.	97.	94.
12 56 3	848.	98.	92.	90.	95.	91.	93.	LOW	LOW	89.2	92.	99.	95.
12 56 8	848.	98.	92.	90.	96.	91.	93.	LOW	LOW	89.9	92.	98.	95.
12 56 13	848.	96.	90.	91.	95.	91.	93.	LOW	LOW	90.2	92.	96.	91.
12 56 18	848.	98.	91.	91.	94.	89.	93.	LOW	LOW	90.5	92.	97.	93.
12 56 28	848.	99.	91.	91.	95.	93.	92.	LOW	LOW	90.8	91.	96.	95.
12 56 33	848.	99.	92.	91.	96.	92.	92.	LOW	LOW	90.8	89.	96.	95.
12 56 38	848.	99.	84.	91.	96.	92.	93.	LOW	LOW	98.2	91.	95.	95.
12 56 43	848.	99.	87.	91.	96.	92.	93.	LOW	LOW	98.2	91.	96.	95.
12 56 51	848.	95.	84.	91.	97.	92.	93.	LOW	LOW	88.9	92.	97.	95.
12 56 48	848.	96.	88.	89.	96.	92.	94.	LOW	LOW	89.9	92.	96.	95.
12 56 53	848.	98.	92.	90.	95.	92.	91.	LOW	LOW	98.2	90.	96.	98.
12 56 58	848.	98.	92.	91.	96.	92.	91.	LOW	LOW	98.5	91.	96.	96.
12 57 3	848.	98.	93.	90.	95.	93.	92.	LOW	LOW	98.2	93.	95.	96.
12 57 8	848.	97.	93.	88.	94.	92.	91.	LOW	LOW	98.5	93.	96.	96.
13 22 20	848.	100.	95.	90.	97.	93.	95.	LOW	LOW	91.5	94.	99.	97.
13 22 25	848.	100.	93.	90.	97.	96.	96.	LOW	LOW	98.5	93.	100.	98.
13 22 38	848.	100.	97.	92.	90.	100.	99.	LOW	LOW	98.8	88.	92.	98.
13 22 35	848.	102.	96.	92.	90.	100.	98.	LOW	LOW	91.5	88.	92.	98.
13 22 40	848.	99.	93.	84.	93.	107.	103.	LOW	LOW	94.8	94.	95.	97.
13 22 45	848.	100.	93.	89.	93.	108.	102.	LOW	LOW	94.8	96.	95.	97.
13 22 50	848.	102.	95.	95.	93.	110.	105.	LOW	LOW	95.4	93.	95.	99.
13 23 0	848.	102.	97.	95.	95.	110.	105.	LOW	LOW	95.1	93.	95.	108.
13 23 5	848.	102.	98.	98.	96.	114.	110.	LOW	LOW	95.4	95.	99.	108.
13 23 10	848.	103.	99.	99.	98.	115.	118.	LOW	LOW	96.4	96.	108.	101.
13 23 18	848.	106.	95.	100.	106.	119.	111.	LOW	LOW	94.1	100.	105.	105.
13 24 43	848.	103.	99.	117.	123.	122.	118.	LOW	LOW	97.7	120.	126.	128.
13 24 48	848.	106.	105.	136.	132.	123.	121.	LOW	LOW	101.3	148.	147.	138.
13 24 61	848.	106.	100.	134.	137.	122.	121.	LOW	LOW	102.6	142.	147.	136.
13 24 58	848.	105.	104.	136.	141.	123.	121.	LOW	LOW	107.1	158.	152.	139.
13 25 3	848.	103.	102.	132.	147.	126.	118.	LOW	LOW	104.2	158.	155.	142.
13 25 8	848.	90.	100.	134.	158.	131.	131.	LOW	LOW	106.5	159.	161.	147.
13 25 13	848.	95.	102.	134.	152.	128.	127.	LOW	LOW	106.8	159.	161.	148.
13 25 18	848.	98.	102.	131.	157.	126.	130.	LOW	LOW	98.0	160.	165.	145.
13 25 23	848.	99.	99.	137.	159.	130.	132.	LOW	LOW	105.8	165.	169.	149.
13 25 28	848.	103.	101.	145.	157.	128.	128.	LOW	LOW	116.8	162.	173.	168.
13 25 33	848.	101.	98.	145.	159.	131.	131.	LOW	LOW	114.2	169.	176.	161.
13 25 43	848.	101.	95.	135.	164.	126.	130.	LOW	LOW	100.6	172.	167.	156.
13 25 48	848.	103.	101.	137.	164.	127.	126.	LOW	LOW	101.9	171.	178.	156.
13 25 53	848.	93.	106.	143.	164.	127.	128.	LOW	LOW	108.4	171.	176.	156.
13 25 58	848.	102.	106.	143.	163.	126.	127.	LOW	LOW	109.7	173.	177.	158.
13 26 3	848.	106.	106.	143.	163.	127.	124.	LOW	LOW	112.3	177.	182.	165.
13 26 8	848.	104.	105.	142.	167.	129.	127.	LOW	LOW	108.7	183.	183.	162.
		105.	105.	147.	167.	128.	124.	LOW	LOW	112.3	183.	188.	166.

TIME H/M/S	EC 91 MAIN CON UT	AF 15 TEMP FUEL INLET HYD COOLER UTL	AF 15 TEMP FUEL OUTLET HYD COOLER UTL	AF 19 TEMP OIL OUTLET FUELOL COOLER L/HENG	AF 20 TEMP OIL OUTLET A/B COULER L/HENG	SP 3 TEMP HYD OIL OUTLET UTL PUMP	SP 7 TEMP HYD OIL OUTLET PRIMARY PUMP	AF 7 TEMP FUEL MAIN CONTAL OUTLET L/HENG	AF 8 TEMP FUEL INLET A/B FUELCT L/HENG	AF 9 TEMP FUEL INLET A/B FUELCT L/HENG	AF 22 TEMP OIL TANK L/HENG	AF 27 TEMP OIL INLET AIR-OL COOLER L/HENG	AF 28 TEMP OIL OUTLET AIR-OL COOLER L/HENG
13 26 13	843.	104.	106.	152.	171.	131.	126.	LOW	LOW	117.8	186.	191.	169.
13 26 18	843.	101.	97.	155.	180.	137.	134.	LOW	LOW	118.1	193.	199.	172.
13 26 23	843.	95.	99.	154.	182.	137.	134.	LOW	LOW	114.6	187.	192.	174.
13 26 29	848.	106.	107.	148.	175.	129.	126.	LOW	LOW	111.0	194.	198.	172.
13 26 34	848.	102.	103.	154.	180.	134.	131.	LOW	LOW	116.5	200.	205.	177.
13 26 39	848.	102.	98.	160.	186.	140.	136.	LOW	LOW	117.5	196.	202.	180.
13 26 44	848.	102.	103.	157.	184.	135.	171.	LOW	LOW	114.9	194.	199.	188.
13 26 49	848.	106.	108.	154.	184.	139.	127.	LOW	LOW	114.2	202.	205.	184.
13 26 54	848.	101.	103.	160.	188.	135.	130.	LOW	LOW	116.8	199.	203.	182.
13 26 59	848.	103.	107.	151.	187.	128.	132.	LOW	LOW	111.0	208.	205.	184.
13 27 4	848.	103.	105.	156.	188.	132.	132.	LOW	LOW	112.9	198.	204.	185.
13 27 9	848.	103.	109.	157.	188.	132.	127.	LOW	LOW	115.9	201.	206.	187.
13 27 14	848.	105.	104.	159.	187.	131.	127.	LOW	LOW	127.2	216.	214.	200.
13 27 19	848.	103.	101.	174.	186.	137.	132.	LOW	LOW	127.5	214.	214.	198.
13 27 24	848.	104.	103.	171.	186.	131.	132.	LOW	LOW	120.1	206.	211.	192.
13 27 29	848.	104.	101.	167.	180.	131.	129.	LOW	LOW	124.3	210.	215.	198.
13 27 34	848.	105.	100.	171.	184.	135.	127.	LOW	LOW	115.5	214.	214.	200.
13 27 39	848.	100.	103.	170.	191.	136.	135.	LOW	LOW	120.1	218.	217.	202.
13 27 44	848.	98.	100.	176.	193.	139.	137.	LOW	LOW	114.9	216.	220.	201.
13 27 49	848.	95.	102.	180.	196.	137.	133.	LOW	LOW	122.0	215.	221.	203.
13 27 54	848.	100.	103.	179.	192.	138.	133.	LOW	LOW	113.6	212.	219.	202.
13 27 59	848.	108.	104.	178.	191.	137.	132.	LOW	LOW	115.5	213.	220.	204.
13 28 4	848.	105.	103.	179.	192.	138.	135.	LOW	LOW	125.9	215.	219.	206.
13 28 9	848.	107.	103.	184.	183.	126.	127.	LOW	LOW	113.6	216.	219.	205.
13 28 14	848.	101.	101.	188.	190.	134.	130.	LOW	LOW	117.5	215.	218.	205.
13 28 19	848.	103.	106.	180.	194.	135.	134.	LOW	LOW	116.8	219.	224.	210.
13 28 24	848.	103.	108.	182.	190.	133.	132.	LOW	LOW	118.4	228.	230.	204.
13 28 29	848.	106.	103.	190.	197.	139.	135.	LOW	LOW	129.1	226.	231.	217.
13 28 34	848.	99.	102.	191.	197.	145.	136.	LOW	LOW	130.4	226.	231.	214.
13 28 39	848.	99.	97.	199.	199.	143.	135.	LOW	LOW	125.2	226.	231.	214.
13 28 44	848.	99.	97.	199.	198.	141.	138.	LOW	LOW	122.3	221.	226.	211.
13 28 49	848.	97.	99.	198.	194.	139.	135.	LOW	LOW	118.1	224.	223.	218.
13 28 54	848.	102.	103.	194.	196.	139.	132.	LOW	LOW	126.5	224.	224.	215.
13 29 5	848.	106.	103.	193.	196.	140.	132.	LOW	LOW	127.8	229.	231.	217.
13 29 10	848.	101.	103.	197.	206.	147.	139.	LOW	LOW	123.9	224.	225.	215.
13 29 15	848.	98.	96.	198.	198.	139.	135.	LOW	LOW	127.8	238.	232.	219.
13 29 20	848.	104.	100.	199.	209.	145.	139.	LOW	LOW	128.1	238.	225.	221.
13 29 25	848.	95.	100.	199.	207.	143.	139.	LOW	LOW	128.5	234.	232.	223.
13 29 30	848.	94.	98.	203.	203.	147.	139.	LOW	LOW	127.8	234.	233.	222.
13 29 35	848.	95.	98.	203.	203.	147.	139.	LOW	LOW	128.1	225.	226.	216.
13 29 40	848.	102.	106.	196.	201.	140.	136.	LOW	LOW	126.9	225.	228.	218.
13 29 45	845.	105.	105.	196.	197.	133.	133.	LOW	LOW	131.1	233.	236.	222.
13 29 50	848.	95.	97.	207.	205.	147.	141.	LOW	LOW	133.3	234.	238.	224.
13 29 55	848.	99.	97.	207.	199.	146.	140.	LOW	LOW	134.9	237.	237.	228.
13 30 0	848.	95.	98.	206.	202.	145.	138.	LOW	LOW	131.7	231.	231.	219.
13 30 5	848.	101.	104.	202.	201.	141.	135.	LOW	LOW	124.6	233.	233.	221.
13 30 10	848.	101.	101.	203.	205.	143.	139.	LOW	LOW	130.4	231.	236.	225.
13 30 15	843.	101.	99.	206.	203.	145.	137.	LOW	LOW				

TIME H/M/S	EC 91 MAINT CON UT	AF 15 TEMP FUEL INLET HYD COOLER UTL	AF 16 TEMP FUEL OUTLET HYD COOLER UTL	AF 19 TEMP OIL OUTLET FUEL COOLER L/HENG	AF 20 TEMP OIL OUTLET A/B COOLER L/HENG	SP 3 TEMP HYD OIL OUTLET UTL PUMP	SP 7 TEMP HYD OIL OUTLET PRIMARY PUMP	AF 7 TEMP FUEL INLET MAIN FUELCT L/HENG	AF 8 TEMP FUEL MAIN CONTRL OUTLET L/HENG	AF 9 TEMP FUEL INLET A/B FUELCT L/HENG	AF 22 TEMP OIL TANK L/HENG	AF 27 TEMP OIL INLET AIR-OL COOLER L/HENG	AF 28 TEMP OIL OUTLET AIR-OL COOLER L/HENG
13 30 20	835.	95.	97.	207.	205.	147.	141.	LOW	LOW	134.9	236.	240.	226.
13 30 25	841.	101.	104.	203.	201.	144.	139.	LOW	LOW	129.8	231.	235.	222.
13 30 30	848.	106.	102.	204.	198.	142.	134.	LOW	LOW	136.9	231.	239.	224.
13 30 35	848.	106.	103.	203.	198.	141.	134.	LOW	LOW	138.2	232.	237.	223.
13 30 40	844.	97.	96.	207.	198.	141.	142.	LOW	LOW	134.3	234.	241.	226.
13 30 45	848.	102.	103.	203.	193.	139.	136.	LOW	LOW	133.3	234.	237.	229.
13 30 50	848.	102.	100.	208.	203.	145.	136.	LOW	LOW	137.5	239.	242.	228.
13 31 0	848.	102.	102.	207.	201.	143.	136.	LOW	LOW	136.9	237.	238.	224.
13 31 5	848.	95.	98.	207.	207.	146.	141.	LOW	LOW	132.4	239.	239.	225.
13 31 10	848.	95.	99.	206.	209.	147.	140.	LOW	LOW	131.4	237.	240.	225.
13 31 15	848.	103.	100.	209.	201.	145.	137.	LOW	LOW	142.1	237.	248.	233.
13 31 20	848.	104.	101.	209.	201.	147.	136.	LOW	LOW	140.4	236.	241.	238.
13 31 25	848.	99.	101.	205.	204.	144.	139.	LOW	LOW	130.4	237.	239.	226.
13 31 30	848.	100.	101.	206.	202.	143.	138.	LOW	LOW	133.6	236.	238.	226.
13 31 35	848.	97.	98.	211.	208.	149.	138.	LOW	LOW	137.5	239.	244.	229.
13 31 40	848.	104.	106.	211.	217.	143.	133.	LOW	LOW	123.9	233.	232.	229.
13 32 17	848.	105.	109.	210.	214.	141.	130.	LOW	LOW	128.1	232.	233.	226.
13 32 22	848.	106.	113.	214.	212.	138.	116.	LOW	LOW	129.1	229.	232.	223.
13 32 25	848.	102.	106.	215.	216.	141.	126.	LOW	LOW	133.3	236.	238.	226.
13 32 32	848.	105.	100.	216.	216.	145.	132.	LOW	LOW	142.1	236.	242.	226.
13 32 37	848.	99.	99.	219.	219.	147.	134.	LOW	LOW	140.4	238.	243.	227.
13 32 42	848.	97.	100.	223.	223.	149.	137.	LOW	LOW	136.2	244.	243.	233.
13 32 47	848.	102.	103.	219.	218.	146.	134.	LOW	LOW	138.8	240.	241.	238.
13 32 57	843.	90.	101.	219.	222.	148.	144.	LOW	LOW	136.9	239.	242.	229.
13 33 2	841.	99.	102.	219.	218.	145.	139.	LOW	LOW	140.8	231.	235.	223.
13 33 2	841.	105.	107.	218.	216.	141.	134.	LOW	LOW	129.8	236.	239.	226.
13 33 7	835.	103.	106.	217.	215.	143.	133.	LOW	LOW	133.6	239.	239.	226.
13 33 12	838.	97.	100.	222.	226.	147.	136.	LOW	LOW	133.6	234.	237.	224.
13 33 17	835.	103.	104.	220.	220.	144.	136.	LOW	LOW	151.8	234.	237.	224.
13 33 27	826.	106.	107.	216.	209.	141.	128.	LOW	LOW	144.3	237.	239.	228.
13 33 33	819.	102.	105.	218.	214.	141.	132.	LOW	LOW	140.8	235.	236.	226.
13 33 38	812.	108.	108.	216.	212.	141.	130.	LOW	LOW	137.5	232.	236.	224.
13 33 51	813.	109.	108.	219.	211.	140.	131.	LOW	LOW	134.3	238.	239.	228.
13 33 53	831.	103.	103.	219.	216.	147.	134.	LOW	LOW	137.5	236.	237.	226.
13 33 53	835.	104.	106.	217.	216.	143.	134.	LOW	LOW	137.5	232.	234.	224.
13 33 58	844.	110.	112.	211.	211.	138.	128.	LOW	LOW	142.1	235.	237.	226.
13 34 3	833.	103.	103.	215.	213.	141.	131.	LOW	LOW	149.2	242.	240.	223.
13 34 8	824.	101.	102.	224.	218.	147.	135.	LOW	LOW	148.9	242.	242.	222.
13 34 13	812.	100.	100.	222.	218.	147.	135.	LOW	LOW	149.2	238.	242.	229.
13 34 18	823.	105.	102.	220.	217.	143.	134.	LOW	LOW	149.5	239.	242.	223.
13 34 23	819.	103.	107.	209.	220.	146.	135.	LOW	LOW	135.6	234.	237.	223.
13 34 29	815.	101.	105.	217.	220.	146.	136.	LOW	LOW	141.4	238.	241.	229.
13 34 42	816.	107.	107.	214.	221.	141.	134.	LOW	LOW	135.6	232.	237.	224.
13 34 39	810.	109.	109.	214.	211.	142.	131.	LOW	LOW	139.8	233.	236.	228.
13 34 44	805.	107.	110.	212.	209.	142.	130.	LOW	LOW	138.8	227.	235.	225.
13 34 49	819.	102.	107.	217.	215.	145.	133.	LOW	LOW	137.2	233.	236.	223.
13 34 54	840.	105.	101.	227.	216.	141.	135.	LOW	LOW	150.5	238.	244.	238.

TIME H/M/S	EC 91 MAINT CON UT	AF 15 TEMP FUEL INLET HYD COOLER UTL	AF 16 TEMP FUEL OUTLET HYD COOLER UTL	AF 19 TEMP OIL OUTLET FUEL COOLER L/HENG	AF 20 TEMP OIL OUTLET A/B COOLER L/HENG	SP 3 TEMP HYD OIL OUTLET UTL PUMP	SP 7 TEMP HYD OIL OUTLET PRIMARY PUMP	AF 7 TEMP FUEL INLET MAIN FUELCT L/HENG	AF 8 TEMP FUEL MAIN CONTRL OUTLET L/HENG	AF 9 TEMP FUEL INLET A/B FUELCT L/HENG	AF 22 TEMP OIL TANK L/HENG	AF 27 TEMP OIL INLET AIR-OL COOLER L/HENG	AF 28 TEMP OIL OUTLET AIR-OL COOLER L/HENG
13 50 46	669.	111.	848.	191.	193.	156.	147.	LOW	LOW	149.4	258.	261.	244.
13 50 51	658.	108.	848.	191.	195.	159.	146.	LOW	LOW	154.4	259.	264.	249.
13 50 56	662.	106.	110.	227.	233.	161.	148.	LOW	LOW	155.0	261.	264.	254.
13 50 1	662.	111.	115.	233.	229.	155.	143.	LOW	LOW	155.0	259.	264.	253.
13 50 6	659.	104.	110.	242.	233.	156.	145.	LOW	LOW	164.1	265.	268.	256.
13 50 11	660.	107.	112.	248.	239.	156.	145.	LOW	LOW	155.3	264.	266.	253.
13 50 16	688.	117.	121.	232.	231.	148.	138.	LOW	LOW	154.4	257.	257.	247.
13 50 21	692.	114.	122.	234.	235.	148.	137.	LOW	LOW	155.0	257.	257.	248.
14 6 3	672.	119.	121.	232.	235.	149.	137.	LOW	LOW	151.1	256.	257.	253.
14 6 8	732.	121.	121.	232.	234.	151.	138.	LOW	LOW	156.6	251.	253.	248.
14 6 13	759.	119.	122.	233.	239.	154.	145.	LOW	LOW	162.1	249.	248.	242.
14 6 18	748.	117.	120.	233.	240.	154.	149.	LOW	LOW	162.8	251.	251.	246.
14 6 23	722.	117.	119.	232.	244.	154.	154.	LOW	LOW	162.1	254.	254.	249.
14 6 23	721.	121.	121.	236.	241.	151.	151.	LOW	LOW	162.1	249.	252.	248.
14 6 33	713.	116.	118.	246.	238.	159.	152.	LOW	LOW	173.6	255.	258.	239.
14 6 38	712.	120.	117.	244.	244.	162.	156.	LOW	LOW	169.9	257.	262.	257.
45 05 05	709.	115.	113.	243.	243.	161.	155.	LOW	LOW	173.4	257.	268.	257.
14 13 14	682.	115.	121.	223.	239.	158.	147.	LOW	LOW	164.7	254.	255.	242.
14 13 19	669.	121.	122.	233.	231.	153.	142.	LOW	LOW	174.1	253.	255.	243.
14 13 24	648.	117.	116.	233.	230.	158.	141.	LOW	LOW	185.4	268.	264.	249.
14 13 29	632.	119.	122.	227.	230.	153.	142.	LOW	LOW	173.1	253.	256.	242.
14 13 34	621.	122.	128.	240.	219.	146.	135.	LOW	LOW	177.0	247.	251.	240.
8 8 8	620.	122.	122.	235.	229.	153.	142.	LOW	LOW	175.4	254.	256.	245.
45 05 05	620.	116.	109.	235.	237.	160.	147.	LOW	LOW	182.8	261.	264.	251.
45 05 05	615.	115.	113.	233.	239.	161.	147.	LOW	LOW	188.6	261.	263.	245.
14 16 8	648.	129.	128.	229.	226.	146.	136.	LOW	LOW	172.1	248.	252.	239.
14 16 5	622.	129.	123.	241.	242.	158.	143.	LOW	LOW	164.1	249.	248.	235.
14 16 10	622.	122.	119.	235.	239.	155.	148.	LOW	LOW	168.6	258.	251.	241.
14 16 15	631.	124.	123.	240.	237.	152.	137.	LOW	LOW	171.2	253.	254.	247.
14 16 21	626.	124.	124.	239.	236.	154.	137.	LOW	LOW	171.8	252.	253.	246.
14 16 26	628.	123.	125.	240.	239.	197.	136.	LOW	LOW	169.2	251.	254.	245.
14 16 31	618.	123.	126.	240.	238.	156.	138.	LOW	LOW	167.9	251.	253.	246.
14 16 36	629.	123.	125.	240.	235.	154.	131.	LOW	LOW	166.0	250.	252.	244.
45 05 05	620.	123.	122.	239.	233.	154.	131.	LOW	LOW	164.7	250.	252.	244.
45 05 05	647.	126.	125.	235.	223.	151.	138.	LOW	LOW	165.4	249.	247.	242.
14 18 21	626.	124.	124.	224.	217.	155.	141.	LOW	LOW	164.1	246.	240.	236.
14 18 27	597.	123.	123.	213.	209.	163.	140.	LOW	LOW	163.4	239.	235.	228.
14 18 32	613.	124.	122.	213.	209.	160.	143.	LOW	LOW	163.7	239.	236.	228.
14 18 37	603.	124.	124.	213.	209.	157.	147.	LOW	LOW	162.8	238.	234.	228.
14 18 42	602.	126.	123.	212.	208.	157.	146.	LOW	LOW	163.1	238.	233.	228.
14 18 55	597.	126.	125.	210.	208.	159.	136.	LOW	LOW	156.9	239.	232.	228.
14 18 52	588.	126.	125.	211.	203.	159.	141.	LOW	LOW	159.9	239.	231.	229.
14 18 57	598.	122.	124.	210.	207.	157.	147.	LOW	LOW	163.4	239.	231.	227.
14 19 2	601.	122.	124.	211.	207.	158.	147.	LOW	LOW	163.1	238.	232.	228.
14 19 7	629.	117.	122.	210.	207.	161.	143.	LOW	LOW	162.1	239.	231.	226.
0 1 12	613.	119.	123.	210.	207.	161.	144.	LOW	LOW	162.4	237.	230.	226.

TIME H/M/S	PR 7 TEMP L/HENG COMPT TOP FWD STA650	PR 8 TEMP L/HENG COMPT BOT FWD STA650	PR 9 TEMP L/HENG COMPT INBO FWD STA653	PR 10 TEMP L/HENG COMPT OUTBO FWD STA650	PR 11 TEMP L/HENG COMPT TOP AFT STA770	PR 12 TEMP L/HENG COMPT BOT AFT STA770	AF 17 TEMP FUEL OUTLET FUELLOL COOLER L/HENG	PR 16 TEMP HYD OIL INLET JTL PUMP	SP 9 TEMP HYD OIL UTL INLET COOLER	SP 10 TEMP HYD OIL OUTLET UTC COOLER	EC 90 TEMP AMB FIN TIP COMPT	AF 37 TEMP SKIN MASS TAIL L/H STA607	AF 30 TEMP SKIN MASS TAIL R/H STA607
12 55 53	100.	95.	105.	107.	117.	101.	92.	08.	100.	96.	127.	125.	122.
12 55 58	100.	95.	104.	106.	117.	102.	94.	92.	100.	96.	127.	125.	122.
12 56 3	100.	95.	103.	106.	117.	102.	91.	91.	100.	95.	127.	125.	121.
12 56 8	108.	95.	103.	106.	117.	102.	91.	95.	108.	96.	127.	125.	121.
12 56 13	108.	97.	105.	106.	116.	102.	91.	93.	108.	96.	127.	125.	121.
12 56 18	108.	94.	104.	106.	117.	102.	91.	91.	100.	97.	128.	119.	122.
12 56 20	100.	95.	105.	107.	116.	102.	06.	93.	100.	95.	128.	118.	121.
12 56 33	108.	95.	105.	107.	116.	102.	06.	93.	100.	97.	128.	118.	121.
12 56 38	100.	95.	105.	107.	117.	101.	90.	92.	101.	97.	128.	120.	121.
12 56 43	101.	95.	105.	107.	118.	101.	90.	92.	101.	97.	128.	120.	121.
12 56 51	100.	95.	100.	106.	118.	103.	06.	94.	101.	97.	129.	120.	121.
12 56 48	108.	94.	102.	106.	118.	102.	09.	94.	102.	97.	127.	119.	124.
12 56 53	108.	95.	95.	106.	118.	101.	91.	92.	101.	99.	128.	119.	116.
12 56 58	108.	95.	99.	106.	117.	102.	91.	92.	101.	97.	127.	119.	116.
12 57 3	108.	95.	105.	107.	118.	101.	91.	98.	101.	98.	128.	119.	116.
12 57 8	109.	95.	104.	107.	118.	101.	91.	93.	101.	97.	128.	119.	116.
13 22 20	108.	99.	103.	106.	109.	101.	93.	94.	107.	107.	126.	122.	118.
13 22 25	108.	99.	104.	106.	110.	100.	92.	94.	107.	107.	126.	122.	118.
13 22 38	108.	97.	103.	105.	112.	99.	93.	97.	112.	112.	116.	111.	113.
13 22 35	109.	99.	103.	106.	111.	100.	92.	97.	112.	112.	115.	112.	114.
13 22 40	108.	99.	105.	107.	111.	100.	92.	99.	112.	112.	115.	113.	114.
13 22 45	109.	100.	105.	107.	111.	100.	95.	99.	111.	109.	115.	113.	114.
13 22 50	110.	101.	106.	109.	113.	102.	95.	102.	111.	109.	115.	113.	114.
13 23 0	109.	103.	103.	109.	112.	105.	97.	105.	112.	105.	116.	115.	112.
13 23 5	105.	105.	105.	108.	111.	106.	100.	106.	112.	108.	115.	111.	113.
13 23 5	107.	105.	105.	108.	111.	106.	100.	106.	112.	108.	115.	111.	113.
13 23 18	109.	106.	105.	110.	114.	100.	100.	109.	115.	112.	114.	114.	114.
13 24 43	112.	112.	111.	115.	117.	129.	116.	117.	119.	118.	113.	112.	113.
13 24 40	117.	117.	118.	119.	123.	150.	129.	123.	124.	115.	113.	112.	114.
13 24 61	117.	119.	117.	121.	125.	149.	129.	123.	124.	120.	113.	112.	114.
13 24 58	117.	123.	116.	123.	127.	156.	129.	123.	124.	120.	113.	112.	112.
13 25 3	112.	117.	115.	118.	124.	150.	129.	125.	124.	119.	112.	111.	112.
13 25 0	106.	100.	107.	114.	125.	144.	143.	122.	125.	121.	113.	112.	112.
13 25 13	113.	116.	113.	119.	128.	151.	141.	124.	124.	122.	114.	113.	114.
13 25 18	110.	114.	106.	118.	125.	151.	136.	132.	124.	120.	114.	112.	113.
13 25 23	118.	115.	109.	115.	129.	156.	143.	125.	127.	125.	115.	116.	116.
13 25 28	116.	121.	116.	121.	134.	159.	143.	125.	127.	123.	115.	116.	115.
13 25 33	115.	120.	114.	117.	133.	160.	149.	120.	127.	123.	115.	114.	115.
13 25 43	106.	115.	111.	117.	128.	161.	151.	121.	126.	118.	112.	111.	112.
13 25 48	108.	116.	112.	120.	138.	157.	144.	131.	130.	128.	115.	115.	109.
13 25 53	111.	119.	117.	123.	132.	164.	142.	132.	130.	127.	113.	111.	111.
13 25 58	112.	120.	117.	123.	132.	164.	142.	131.	134.	127.	113.	113.	114.
13 26 3	111.	120.	117.	127.	136.	166.	145.	132.	131.	121.	112.	112.	113.
13 26 8	115.	123.	121.	125.	140.	173.	156.	130.	125.	123.	108.	111.	112.

AF 37
TEMP
SKIN
MASS
TAIL
L/H
STA687

EC 98
TEMP
AMB
FIN
TIP
COMPT

SP 10
TEMP
HYD
OIL
OUTLET
UTC
COOLER

SP 9
TEMP
HYD
OIL
UTL
INLET
COOLER

PR 16
TEMP
4YO
JIL
INLET
JTL
PUMP

AF 17
TEMP
FUEL
OUTLET
FUELOL
COOLER
L/HENG

PR 12
TEMP
L/HENG
COMPT
ROT
AFT
STA770

PR 11
TEMP
L/HENG
COMPT
TOP
AFT
STA770

PR 10
TEMP
L/HENG
COMPT
OUTBD
FWD
STA650

PR 9
TEMP
L/HENG
COMPT
INBD
FWD
STA650

PR 8
TEMP
L/HENG
COMPT
ROT
FWD
STA650

PR 7
TEMP
L/HENG
COMPT
TOP
FWD
STA650

TIME
M/N/S

14

13 26 13	116.	121.	120.	120.	120.	127.	150.	120.	121.	109.	111.	112.
13 26 18	116.	120.	116.	116.	116.	176.	166.	130.	121.	112.	112.	112.
13 26 23	112.	115.	114.	114.	114.	176.	166.	132.	126.	113.	113.	114.
13 26 29	116.	121.	126.	117.	117.	172.	162.	132.	125.	108.	112.	114.
13 26 34	116.	121.	121.	117.	117.	175.	166.	132.	125.	106.	112.	116.
13 26 39	115.	115.	119.	115.	115.	178.	169.	134.	127.	111.	111.	113.
13 26 44	114.	118.	123.	116.	116.	177.	164.	134.	127.	112.	112.	113.
13 26 49	113.	123.	123.	117.	117.	176.	161.	134.	127.	113.	113.	108.
13 26 54	116.	117.	125.	117.	117.	177.	169.	131.	124.	112.	112.	114.
13 26 59	117.	117.	118.	116.	116.	174.	163.	136.	130.	113.	114.	114.
13 27 4	116.	116.	115.	115.	115.	175.	163.	139.	131.	113.	114.	114.
13 27 9	110.	121.	123.	116.	116.	170.	165.	135.	129.	112.	112.	113.
13 27 14	112.	123.	124.	118.	118.	182.	168.	132.	121.	110.	108.	111.
13 27 19	118.	125.	123.	118.	118.	181.	161.	129.	122.	111.	109.	111.
13 27 24	111.	122.	121.	120.	120.	185.	176.	137.	129.	113.	109.	112.
13 27 29	116.	124.	114.	113.	113.	191.	182.	131.	136.	111.	113.	108.
13 27 34	115.	115.	114.	113.	113.	187.	181.	138.	132.	111.	112.	115.
13 27 39	110.	117.	112.	112.	112.	180.	191.	136.	131.	111.	111.	113.
13 27 44	108.	119.	115.	115.	115.	178.	191.	134.	126.	111.	112.	114.
13 27 49	107.	117.	112.	112.	112.	188.	182.	135.	126.	114.	112.	115.
13 27 54	107.	118.	113.	113.	113.	180.	186.	146.	131.	113.	112.	108.
13 27 59	107.	117.	113.	113.	113.	182.	191.	145.	128.	111.	111.	109.
13 28 4	120.	125.	113.	113.	113.	178.	190.	137.	135.	103.	113.	113.
13 28 9	119.	123.	122.	122.	122.	187.	192.	142.	134.	112.	113.	113.
13 28 14	109.	117.	113.	113.	113.	190.	190.	142.	132.	114.	114.	114.
13 28 19	109.	119.	115.	115.	115.	191.	191.	147.	131.	113.	113.	114.
13 28 24	106.	114.	112.	112.	112.	193.	193.	147.	134.	113.	113.	114.
13 28 29	104.	114.	110.	110.	110.	191.	193.	139.	128.	110.	112.	109.
13 28 34	114.	121.	116.	116.	116.	199.	207.	138.	129.	110.	112.	109.
13 28 39	115.	121.	115.	115.	115.	198.	200.	138.	136.	111.	110.	112.
13 28 44	112.	117.	110.	110.	110.	198.	202.	143.	136.	112.	111.	112.
13 28 49	110.	113.	111.	111.	111.	196.	197.	143.	139.	114.	108.	112.
13 28 54	116.	113.	112.	112.	112.	195.	199.	147.	136.	114.	105.	111.
13 28 59	110.	116.	114.	114.	114.	195.	204.	141.	132.	111.	112.	112.
13 29 4	113.	121.	117.	117.	117.	199.	205.	145.	136.	111.	111.	111.
13 29 9	114.	118.	116.	116.	116.	199.	203.	145.	134.	111.	111.	111.
13 29 14	110.	110.	111.	111.	111.	196.	203.	139.	136.	112.	112.	112.
13 29 19	112.	121.	111.	111.	111.	197.	209.	140.	136.	111.	110.	110.
13 29 24	111.	120.	112.	112.	112.	198.	209.	130.	132.	110.	110.	110.
13 29 29	111.	123.	110.	110.	110.	207.	210.	130.	132.	110.	111.	111.
13 29 34	112.	124.	116.	116.	116.	202.	212.	130.	139.	112.	111.	111.
13 29 39	111.	110.	115.	115.	115.	194.	205.	146.	134.	110.	110.	110.
13 29 44	107.	110.	114.	114.	114.	197.	205.	143.	132.	110.	111.	111.
13 29 49	111.	123.	118.	118.	118.	207.	213.	141.	129.	110.	110.	109.
13 29 54	116.	126.	120.	120.	120.	205.	215.	140.	131.	110.	110.	110.
13 29 59	117.	127.	119.	119.	119.	205.	219.	137.	134.	110.	110.	110.
13 30 4	117.	126.	119.	119.	119.	200.	211.	143.	134.	112.	112.	113.
13 30 9	113.	123.	117.	117.	117.	208.	211.	147.	139.	116.	112.	112.
13 30 14	118.	117.	114.	114.	114.	205.	211.	151.	134.	111.	111.	111.
13 30 19	114.	116.	116.	116.	116.	205.	211.	145.	134.	112.	112.	112.

TIME M/H/S	P2 TEMP L/HENG COMPT TOP FWD STA650	PR TEMP L/HENG COMPT ROT FWD STA650	PR TEMP L/HENG COMPT INBO FWD STA650	PR TEMP L/HENG COMPT OUTBO FWD STA650	PR TEMP L/HENG COMPT TOP AFT STA770	PR TEMP L/HENG COMPT BOT AFT STA770	AF TEMP FUEL OUTLET FUELOIL COOLER L/HENG	PR TEMP 4YO CIL INLET JTL PUMP	SP TEMP HYO OIL UTL INLET COOLER	SP TEMP HYO OIL OUTLET UTC COOLER	EC TEMP AMB FIN TIP COMPT	AF TEMP SKIN MASS TAIL L/H STA687	AF TEMP SKIN MASS TAIL R/H STA687
13 30 20	114.	126.	120.	119.	142.	207.	215.	141.	145.	126.	110.	111.	110.
13 30 25	109.	123.	118.	116.	136.	203.	208.	147.	147.	132.	110.	112.	111.
13 30 30	117.	132.	123.	123.	142.	215.	214.	145.	138.	126.	110.	108.	110.
13 30 35	119.	131.	125.	124.	143.	214.	214.	145.	139.	126.	110.	109.	100.
13 30 40	114.	127.	121.	116.	143.	210.	218.	141.	143.	133.	110.	110.	111.
13 30 45	115.	128.	122.	121.	142.	209.	214.	146.	142.	133.	111.	110.	111.
13 30 50	117.	127.	121.	120.	145.	212.	222.	141.	138.	130.	110.	106.	110.
13 31 0	119.	129.	123.	122.	143.	210.	219.	143.	130.	130.	107.	109.	109.
13 31 5	111.	126.	120.	112.	145.	198.	215.	149.	145.	137.	110.	110.	112.
13 31 10	112.	125.	118.	113.	140.	202.	216.	147.	145.	138.	109.	110.	111.
13 31 15	120.	132.	122.	123.	143.	216.	218.	142.	141.	128.	110.	109.	114.
13 31 20	106.	132.	123.	123.	143.	215.	217.	142.	140.	128.	110.	108.	112.
13 31 25	111.	120.	115.	113.	132.	205.	210.	152.	152.	141.	111.	112.	100.
13 31 30	115.	127.	120.	118.	136.	210.	211.	151.	147.	135.	111.	101.	100.
13 31 35	111.	126.	123.	120.	138.	211.	221.	143.	143.	134.	108.	110.	110.
13 31 40	110.	121.	121.	116.	138.	206.	214.	144.	143.	136.	109.	110.	111.
13 32 17	109.	122.	120.	117.	131.	204.	207.	157.	147.	139.	100.	111.	110.
13 32 22	110.	121.	119.	117.	130.	198.	205.	162.	145.	137.	110.	110.	110.
13 32 35	116.	127.	122.	117.	135.	209.	214.	149.	141.	133.	111.	108.	110.
13 32 37	120.	129.	127.	120.	134.	217.	217.	154.	138.	128.	111.	100.	110.
13 32 42	121.	126.	124.	118.	135.	214.	218.	154.	140.	132.	108.	109.	109.
13 32 47	120.	130.	124.	116.	139.	214.	221.	152.	141.	132.	108.	109.	109.
13 32 57	114.	129.	118.	111.	134.	207.	219.	156.	145.	141.	100.	110.	110.
13 33 2	118.	132.	123.	115.	134.	212.	219.	156.	143.	135.	109.	110.	109.
13 33 7	114.	130.	121.	110.	129.	202.	205.	167.	152.	142.	110.	110.	111.
13 33 12	114.	129.	124.	116.	129.	205.	215.	160.	146.	136.	109.	110.	110.
13 33 17	111.	129.	123.	109.	130.	211.	219.	158.	149.	137.	110.	116.	112.
13 33 27	120.	134.	122.	110.	127.	205.	213.	162.	149.	138.	110.	113.	111.
13 33 33	116.	127.	130.	123.	133.	203.	216.	158.	142.	128.	110.	109.	108.
13 33 38	118.	133.	128.	121.	132.	209.	217.	162.	145.	136.	109.	110.	108.
13 33 51	114.	129.	125.	117.	127.	206.	212.	166.	144.	134.	110.	110.	109.
13 33 58	112.	127.	119.	109.	130.	203.	216.	163.	149.	142.	110.	111.	110.
13 34 3	113.	127.	124.	113.	127.	205.	215.	164.	147.	136.	109.	110.	109.
13 34 8	113.	126.	123.	119.	125.	198.	209.	168.	147.	136.	110.	110.	105.
13 34 13	116.	129.	126.	117.	127.	207.	213.	164.	144.	131.	110.	110.	107.
13 34 18	120.	127.	127.	117.	133.	216.	221.	153.	143.	133.	108.	108.	100.
13 34 23	116.	132.	130.	116.	128.	212.	219.	161.	142.	128.	110.	109.	109.
13 34 29	110.	125.	133.	110.	130.	213.	220.	158.	142.	130.	110.	109.	109.
13 34 39	105.	128.	121.	112.	125.	200.	210.	172.	151.	139.	110.	111.	95.
13 34 44	110.	128.	123.	112.	127.	206.	216.	164.	148.	138.	103.	110.	100.
13 34 49	107.	126.	121.	112.	121.	199.	207.	173.	149.	141.	109.	110.	110.
13 34 54	111.	130.	123.	114.	124.	208.	217.	171.	148.	138.	109.	110.	109.
13 34 59	107.	126.	121.	114.	122.	202.	206.	172.	151.	138.	109.	111.	110.
13 35 4	110.	129.	121.	112.	126.	202.	210.	159.	152.	144.	108.	110.	111.
13 35 9	119.	138.	129.	117.	131.	216.	220.	162.	144.	128.	100.	109.	100.

TIME M/M/S	PR 7 TEMP L/HENG COMPT TOP FWD STA650	PR 9 TEMP L/HENG COMPT INBO FWD STA650	PR 10 TEMP L/HENG COMPT OUTSD FWD STA650	PR 11 TEMP L/HENG COMPT TOP AFT STA770	PR 12 TEMP L/HENG COMPT 90T AFT STA770	AF 17 TEMP FUEL OUTLET FUELOL COOLER L/HENG	PR 16 TEMP HYD OIL INLET JTL PUMP	SP 9 TEMP HYD OIL UTL INLET COOLER	SP 10 TEMP HYD OIL OUTLET UTC COOLER	EC 98 TEMP AMB FIN TIP COMPT	AF 37 TEMP SKIN MASS TAIL L/H STA687	AF 38 TEMP SKIN MASS TAIL R/H STA687
13 34 59	114.	132.	124.	111.	128.	207.	166.	148.	137.	108.	118.	109.
13 35 4	108.	130.	120.	106.	125.	205.	169.	152.	139.	109.	105.	110.
13 35 9	111.	131.	123.	108.	126.	203.	169.	152.	141.	108.	108.	111.
13 35 14	119.	136.	130.	119.	125.	214.	165.	145.	127.	118.	100.	100.
13 35 19	117.	137.	130.	120.	127.	211.	165.	144.	127.	109.	109.	100.
13 35 24	106.	127.	121.	106.	122.	204.	169.	147.	140.	110.	112.	111.
13 35 29	108.	126.	121.	107.	123.	204.	170.	152.	145.	109.	109.	112.
13 35 34	120.	139.	131.	119.	128.	216.	163.	147.	139.	106.	108.	111.
13 35 39	117.	135.	128.	114.	127.	214.	163.	151.	140.	107.	100.	111.
13 35 44	113.	131.	127.	114.	124.	205.	171.	154.	141.	109.	111.	100.
13 51 26	110.	131.	124.	111.	121.	202.	184.	160.	147.	109.	111.	118.
13 51 26	117.	144.	133.	115.	125.	216.	191.	155.	130.	103.	100.	100.
13 51 31	114.	139.	131.	114.	125.	217.	196.	144.	144.	105.	109.	109.
13 51 36	112.	137.	130.	110.	121.	210.	191.	150.	144.	105.	100.	109.
13 51 41	113.	138.	129.	108.	116.	212.	189.	157.	152.	105.	112.	112.
13 51 46	107.	133.	121.	100.	119.	198.	201.	163.	152.	105.	110.	110.
13 51 51	118.	137.	128.	111.	123.	208.	195.	160.	145.	104.	108.	109.
13 51 57	119.	147.	135.	117.	130.	215.	195.	154.	130.	104.	109.	100.
13 52 2	116.	145.	134.	119.	138.	214.	193.	155.	141.	104.	109.	100.
13 52 15	110.	142.	130.	111.	127.	217.	193.	156.	142.	105.	109.	109.
13 52 17	106.	141.	130.	106.	118.	200.	196.	164.	144.	107.	112.	109.
13 52 22	111.	138.	128.	111.	124.	209.	194.	159.	144.	103.	110.	105.
13 52 35	109.	137.	130.	105.	121.	206.	201.	162.	147.	106.	111.	111.
13 52 37	115.	135.	127.	105.	121.	206.	199.	156.	140.	106.	112.	111.
13 52 42	112.	141.	133.	114.	127.	216.	193.	158.	130.	104.	107.	109.
13 52 47	105.	136.	130.	109.	121.	210.	193.	158.	149.	106.	112.	113.
13 52 52	108.	134.	123.	105.	120.	203.	194.	161.	150.	106.	111.	111.
13 52 57	108.	134.	126.	107.	121.	207.	193.	163.	149.	106.	111.	114.
13 53 2	107.	134.	126.	108.	120.	202.	190.	163.	152.	106.	112.	105.
13 53 7	104.	131.	128.	107.	117.	199.	204.	163.	152.	106.	112.	108.
13 53 20	105.	129.	128.	106.	117.	200.	198.	164.	151.	106.	113.	119.
13 53 30	105.	132.	124.	103.	117.	203.	197.	159.	146.	105.	112.	114.
13 53 35	109.	135.	130.	113.	121.	205.	203.	161.	147.	104.	111.	111.
13 53 40	111.	141.	132.	119.	119.	203.	190.	160.	139.	100.	105.	110.
13 53 45	108.	134.	127.	116.	118.	190.	186.	152.	139.	100.	102.	102.
13 53 50	113.	124.	119.	110.	121.	223.	189.	153.	139.	101.	100.	109.
13 54 0	115.	130.	123.	117.	138.	211.	189.	153.	138.	105.	105.	108.
13 54 0	116.	135.	125.	115.	139.	211.	191.	152.	139.	105.	105.	107.
13 54 5	120.	137.	126.	124.	139.	216.	185.	152.	141.	105.	110.	109.
13 54 10	116.	136.	124.	121.	140.	207.	188.	157.	145.	105.	110.	110.
13 54 15	116.	141.	129.	131.	150.	190.	191.	154.	137.	105.	110.	110.
13 54 20	115.	138.	125.	126.	154.	204.	192.	157.	144.	105.	111.	110.
13 54 25	116.	139.	125.	130.	158.	203.	196.	152.	144.	106.	111.	107.
13 54 31	118.	142.	127.	134.	162.	205.	196.	152.	143.	106.	111.	108.
13 54 36	117.	143.	127.	134.	167.	219.	196.	152.	147.	106.	112.	112.
13 54 41	116.	141.	125.	132.	166.	202.	197.	153.	143.	106.		

TIME H/M/S	PR 7 TEMP L/HENG COMPT TJP FWO STA650	PR 8 TEMP L/HENG COMPT BOT FWO STA650	PR 9 TEMP L/HENG COMPT INNO FWO STA650	PR 10 TEMP L/HENG COMPT OUTBD FWO STA650	PR 11 TEMP L/HENG COMPT TOP AFT STA770	PR 12 TEMP L/HENG COMPT BOT AFT STA770	AF 17 TEMP FUEL OUTLET COOLER L/HENG	SP 9 TEMP HYD OIL UTL INLET COOLER	SP 10 TEMP HYO OIL OUTLET UTC COOLER	EC 98 TEMP AMB FIN YIP COMPT	AF 37 TEMP SKIN HASS TAIL L/H STA687	AF 38 TEMP SKIN HASS TAIL R/H STA687
13 58 46	106.	136.	128.	125.	160.	221.	202.	163.	149.	185.	113.	112.
13 58 51	116.	142.	125.	132.	172.	227.	209.	152.	150.	185.	109.	111.
13 58 56	128.	143.	134.	143.	178.	242.	221.	165.	136.	186.	112.	112.
13 59 1	127.	145.	130.	141.	175.	244.	224.	162.	142.	185.	112.	111.
13 59 6	128.	143.	134.	133.	173.	254.	242.	154.	130.	184.	113.	110.
13 59 11	128.	143.	134.	133.	173.	254.	242.	154.	130.	184.	113.	110.
13 59 16	121.	136.	133.	129.	165.	239.	230.	158.	143.	185.	111.	111.
13 59 21	124.	138.	135.	131.	160.	241.	232.	158.	145.	187.	111.	105.
14 6 3	123.	136.	132.	128.	141.	241.	232.	155.	144.	186.	111.	107.
14 6 8	117.	134.	132.	126.	139.	235.	226.	153.	145.	185.	110.	111.
14 6 13	114.	129.	130.	124.	139.	221.	227.	159.	152.	185.	112.	111.
14 6 18	112.	127.	129.	118.	117.	208.	227.	149.	150.	187.	112.	112.
14 6 23	112.	127.	129.	118.	117.	208.	227.	149.	150.	187.	112.	112.
14 6 28	115.	130.	131.	116.	116.	199.	230.	157.	157.	187.	113.	113.
14 6 33	121.	132.	131.	119.	121.	203.	226.	161.	156.	187.	114.	115.
14 6 38	121.	133.	131.	118.	127.	218.	241.	151.	154.	186.	113.	113.
14 6 43	121.	133.	131.	118.	127.	218.	241.	151.	154.	186.	113.	113.
14 6 48	117.	129.	128.	112.	123.	207.	235.	153.	148.	185.	112.	108.
45 05 05	118.	127.	127.	113.	123.	207.	235.	153.	148.	185.	112.	108.
45 05 10	112.	125.	123.	116.	117.	208.	235.	153.	148.	185.	112.	108.
45 05 15	119.	131.	136.	118.	127.	218.	241.	151.	154.	186.	113.	113.
45 05 20	115.	127.	127.	114.	124.	213.	241.	153.	148.	185.	112.	108.
45 05 25	114.	128.	132.	114.	124.	213.	241.	153.	148.	185.	112.	108.
45 05 30	120.	139.	139.	125.	130.	221.	227.	155.	139.	186.	114.	112.
45 05 35	120.	139.	139.	125.	130.	221.	227.	155.	139.	186.	114.	112.
45 05 40	117.	129.	129.	117.	131.	221.	233.	154.	141.	185.	113.	109.
45 05 45	114.	126.	127.	110.	128.	215.	241.	149.	138.	180.	113.	111.
45 05 50	126.	136.	135.	122.	138.	228.	235.	147.	132.	186.	113.	111.
45 05 55	122.	132.	136.	123.	132.	221.	225.	159.	138.	187.	114.	111.
45 06 0	126.	140.	130.	120.	136.	233.	242.	151.	138.	185.	113.	109.
45 06 5	126.	137.	138.	120.	134.	229.	219.	154.	141.	185.	113.	109.
45 06 10	123.	132.	140.	125.	132.	226.	224.	153.	141.	185.	113.	109.
45 06 15	123.	132.	140.	125.	132.	226.	224.	153.	141.	185.	113.	109.
45 06 20	124.	131.	141.	125.	132.	223.	225.	153.	149.	185.	113.	112.
45 06 25	131.	132.	146.	128.	130.	219.	226.	150.	151.	180.	113.	112.
45 06 30	131.	132.	147.	127.	131.	217.	225.	159.	154.	187.	112.	113.
45 06 35	133.	130.	150.	132.	138.	211.	224.	169.	154.	187.	112.	113.
45 06 40	134.	131.	151.	133.	136.	209.	224.	159.	151.	188.	112.	112.
45 06 45	139.	132.	155.	132.	136.	202.	222.	155.	152.	186.	114.	112.
45 06 50	140.	130.	156.	136.	140.	193.	217.	153.	149.	187.	114.	112.
45 06 55	144.	127.	151.	139.	145.	183.	213.	150.	147.	188.	114.	113.
45 07 0	144.	127.	151.	139.	145.	183.	213.	150.	147.	188.	114.	113.
45 07 5	146.	127.	154.	140.	145.	183.	213.	150.	147.	188.	114.	113.
45 07 10	146.	127.	154.	140.	145.	183.	213.	150.	147.	188.	114.	113.
45 07 15	145.	127.	150.	140.	149.	181.	211.	151.	149.	188.	114.	113.
45 07 20	146.	116.	156.	137.	149.	181.	211.	151.	149.	188.	114.	113.
45 07 25	146.	122.	156.	137.	149.	181.	211.	151.	149.	188.	114.	113.
45 07 30	145.	127.	155.	139.	149.	178.	211.	148.	147.	185.	114.	113.
45 07 35	145.	127.	155.	139.	149.	178.	211.	148.	147.	185.	114.	113.
45 07 40	147.	126.	155.	141.	151.	177.	209.	149.	146.	180.	114.	114.
45 07 45	146.	126.	154.	140.	152.	177.	210.	149.	144.	180.	114.	114.

C COMMUTATOR

TIME H/M/S	PR 30 TEMP SURFAC FWD PART MOVABLE SPIKE	PR 19 AIR BLEED START L/HENG	AF 31 TEMP SKIN MASS WING UPR L/HOUT	AF 32 TEMP SKIN MASS WING UPR L/HIN	AF 33 TEMP SKIN MASS WING UPR R/HOUT	AF 34 TEMP SKIN MASS	PR 4 PRESS ENGINE RATIO L/H	SP 16 VOLTS DC PUSS	AF 5 FLOW FUEL L/HENG	PR 1 RPM N1 TACH GER L/HENG	PR 2 RPM N2 TACH GER L/HENG	CS 5 ATTD PITCH	CS 6 ATTD ROLL
12 55 53	82.	-.293	116.	117.	120.	116.	2.991	28.82	78429.	39.	71.	-20.	-11.
12 55 58	80.	-.171	118.	116.	120.	115.	2.985	29.81	78467.	68.	114.	-20.	-11.
12 56 3	82.	.090	121.	117.	120.	116.	2.987	30.05	77681.	39.	114.	-19.	-11.
12 56 8	82.	.024	121.	117.	120.	116.	2.980	29.78	77756.	146.	143.	-19.	-12.
12 56 13	82.	-.049	121.	117.	120.	116.	2.980	30.88	78138.	88.	158.	-21.	-11.
12 56 18	82.	-.293	121.	117.	120.	116.	2.987	29.38	78138.	-19.	188.	-21.	-11.
12 56 28	82.	.293	121.	117.	120.	116.	2.982	28.87	78280.	18.	121.	-20.	-18.
12 56 33	82.	.440	121.	117.	119.	116.	2.988	28.23	77988.	88.	114.	-20.	-16.
12 56 38	84.	.530	121.	117.	121.	111.	2.978	28.39	78429.	92.	135.	-20.	-14.
12 56 43	83.	.220	122.	117.	121.	114.	2.975	28.52	78242.	58.	114.	-20.	-11.
12 56 51	82.	-.196	121.	117.	121.	116.	2.958	28.76	77988.	92.	114.	-20.	-11.
12 56 58	82.	-.513	121.	117.	120.	116.	2.978	28.95	78167.	49.	86.	-22.	-11.
12 56 53	82.	-.293	121.	117.	119.	117.	2.989	27.47	78154.	19.	93.	-21.	-11.
12 56 58	83.	.024	121.	117.	120.	116.	2.983	28.47	78242.	117.	157.	-19.	-11.
12 57 3	84.	.507	121.	117.	118.	115.	2.985	29.95	78579.	97.	288.	1.	-8.
12 57 8	83.	-.122	121.	117.	119.	116.	2.982	29.66	78392.	78.	188.	1.	-1.
13 22 20	86.	2.804	115.	114.	116.	114.	2.987	28.71	78138.	92.	649.	2.	-4.
13 22 25	86.	17.040	116.	115.	117.	115.	2.981	28.44	78288.	350.	2794.	2.	-3.
13 22 38	86.	33.236	116.	115.	116.	114.	2.989	28.33	77606.	501.	3081.	2.	-4.
13 22 35	86.	33.578	116.	116.	116.	114.	2.988	28.52	78818.	1481.	4690.	2.	-3.
13 22 40	89.	35.393	117.	115.	117.	114.	2.974	27.47	78883.	1638.	5153.	2.	-2.
13 22 45	87.	31.036	117.	116.	116.	115.	2.976	28.84	78878.	2578.	7512.	1.	0.
13 22 50	88.	.391	117.	116.	117.	115.	2.978	28.17	78654.	2878.	8804.	0.	-8.
13 23 0	87.	.538	117.	116.	118.	116.	2.973	28.84	78883.	4184.	18864.	0.	-5.
13 23 5	86.	-.098	116.	116.	117.	116.	2.943	28.71	78429.	4164.	18135.	0.	-2.
13 23 10	86.	.367	116.	116.	117.	113.	2.949	28.31	78354.	4213.	9979.	2.	-3.
13 23 15	87.	-.409	116.	116.	113.	112.	2.947	28.81	78878.	6495.	18563.	2.	-1.
13 24 43	93.	.090	116.	115.	115.	109.	2.883	28.36	79215.	5555.	12868.	2.	-2.
13 24 48	92.	.587	113.	113.	111.	112.	2.776	27.96	79925.	5696.	12131.	2.	-2.
13 24 53	92.	.415	114.	113.	112.	112.	2.759	27.93	79738.	5857.	12359.	0.	2.
13 25 3	94.	0.000	115.	115.	113.	112.	2.759	28.86	79701.	5986.	12331.	1.	1.
13 25 8	96.	1.026	117.	110.	116.	117.	2.759	28.17	79776.	5964.	12316.	3.	0.
13 25 13	95.	.530	116.	116.	114.	115.	2.749	27.47	39888.	5928.	12316.	1.	0.
13 25 18	95.	.391	117.	117.	118.	114.	2.749	27.98	79701.	5964.	12316.	3.	-2.
13 25 23	97.	.489	116.	116.	114.	114.	2.751	27.93	79551.	5969.	12331.	2.	-3.
13 25 28	99.	0.000	114.	114.	114.	114.	2.730	26.33	79850.	6003.	12445.	1.	-8.
13 25 33	99.	-.147	115.	112.	116.	114.	2.750	27.65	79826.	5903.	12473.	1.	-1.
13 25 43	99.	.391	116.	117.	117.	109.	2.738	27.53	79551.	6032.	12302.	2.	-1.
13 25 48	96.	.513	115.	116.	115.	111.	2.744	27.98	79476.	6022.	12338.	3.	-1.
13 25 53	96.	-2.004	115.	115.	115.	112.	2.737	27.10	79781.	5986.	12482.	2.	-1.
13 25 58	96.	-1.173	114.	114.	114.	112.	2.740	27.39	79776.	5935.	12438.	2.	-2.
13 25 53	97.	.090	114.	112.	114.	112.	2.753	27.90	79626.	5974.	12373.	0.	1.
13 26 3	97.	.244	111.	113.	113.	113.	2.757	27.69	79551.	5969.	12388.	1.	-8.
13 26 8	97.	.440	117.	113.	110.	110.	2.753	28.49	78878.	5925.	12516.	2.	1.

TIME H/M/S	PR 30 TEMP FWD PART MOVABLE SPIKE	PR 19 AIR BLEED STARTER L/HENG	AF 31 TEMP SKIN MASS WING UPR L/HOUT	AF 32 TEMP SKIN MASS WING UPR L/MIN	AF 33 TEMP SKIN MASS WING UPR R/HOUT	AF 34 TEMP SKIN MASS	PR 4 PRESS ENGINE RATIO L/H	SP 16 VOLTS DC BUSS	AF 5 FLOW FUEL L/HENG	PR 1 RPM N1 TACH GER L/HENG	PR 2 RPM N2 TACH GER L/HENG	CS 5 ATTD PITCH	CS 6 ATTD ROLL
13 26 13	98.	.440	114.	113.	112.	112.	2.749	28.49	39717.	5949.	12452.	2.	2.
13 26 18	102.	.391	116.	116.	117.	115.	2.749	27.42	79551.	5903.	12365.	1.	-10.
13 26 23	101.	.342	116.	116.	117.	115.	2.738	27.85	39815.	5979.	12365.	1.	-5.
13 26 29	97.	.538	116.	114.	114.	112.	2.749	28.71	79776.	5945.	12430.	2.	1.
13 26 34	100.	.709	115.	115.	115.	116.	2.745	28.39	79850.	5959.	12388.	2.	1.
13 26 39	102.	.489	115.	119.	115.	115.	2.742	28.28	79850.	5954.	12331.	2.	-1.
13 26 44	100.	.024	116.	116.	114.	115.	2.746	28.17	79738.	5920.	12324.	1.	-0.
13 26 49	95.	.049	116.	114.	114.	113.	2.740	28.17	159.	5945.	12331.	3.	1.
13 26 54	97.	.098	116.	114.	113.	113.	2.741	27.88	79.	5959.	12331.	2.	1.
13 26 59	99.	-.098	116.	116.	116.	109.	2.748	27.96	79850.	6003.	12402.	3.	-1.
13 27 4	101.	-.024	116.	116.	117.	112.	2.750	27.90	79626.	5998.	12409.	1.	0.
13 27 9	100.	-.440	113.	113.	115.	112.	2.737	27.90	79476.	5996.	12445.	1.	0.
13 27 14	100.	.196	114.	114.	114.	113.	2.737	27.96	79514.	5959.	12402.	1.	-0.
13 27 19	101.	-.196	114.	114.	114.	114.	2.720	27.63	79776.	6090.	12388.	2.	-0.
13 27 24	101.	.049	114.	109.	114.	109.	2.726	27.96	79626.	6086.	12438.	1.	0.
13 27 29	100.	-.444	115.	113.	114.	110.	2.735	28.39	79551.	6153.	12502.	3.	-1.
13 27 34	100.	0.000	115.	113.	114.	109.	2.735	28.31	79626.	6134.	12509.	2.	-1.
13 27 39	101.	-.684	117.	116.	115.	106.	2.714	27.53	79925.	6149.	12388.	2.	-0.
13 27 44	101.	-.293	117.	116.	115.	110.	2.716	27.85	40121.	6149.	12438.	2.	-0.
13 27 49	102.	.489	116.	116.	105.	113.	2.714	27.96	80000.	6207.	12445.	2.	-1.
13 27 54	102.	.220	115.	116.	109.	112.	2.718	28.06	79813.	6183.	12473.	2.	-1.
13 28 9	103.	.049	116.	116.	116.	114.	2.729	28.55	79402.	6081.	12516.	0.	-0.
13 28 14	103.	.513	116.	116.	115.	114.	2.727	28.41	79439.	6090.	12516.	0.	-0.
13 28 19	100.	-.489	115.	113.	112.	112.	2.727	28.39	79551.	6098.	12302.	3.	-1.
13 28 24	102.	1.271	117.	114.	115.	113.	2.714	28.28	79781.	6159.	12402.	2.	-1.
13 28 29	102.	-.513	116.	114.	116.	113.	2.724	28.17	39815.	6129.	12302.	2.	-1.
13 28 34	103.	.098	117.	114.	114.	113.	2.716	27.96	0.	6108.	12445.	3.	-1.
13 28 39	102.	.196	115.	114.	115.	112.	2.723	28.06	39825.	6168.	12473.	2.	-0.
13 28 44	103.	-.196	115.	115.	114.	114.	2.722	27.63	79252.	6129.	12302.	1.	-2.
13 28 49	100.	-.220	115.	115.	115.	115.	2.726	28.09	79514.	6110.	12402.	1.	0.
13 29 4	101.	.391	116.	114.	117.	112.	2.723	27.85	79850.	6159.	12302.	1.	2.
13 29 9	101.	-.489	116.	114.	116.	112.	2.723	27.85	40044.	6149.	12352.	1.	2.
13 29 14	101.	.635	116.	114.	114.	112.	2.714	28.01	80000.	6168.	12416.	3.	-2.
13 29 19	101.	-.269	115.	114.	117.	113.	2.722	28.01	79813.	6129.	12473.	2.	0.
13 29 24	101.	0.000	115.	115.	115.	112.	2.720	28.28	79476.	6168.	12430.	2.	-8.
13 29 29	101.	-.196	115.	113.	115.	111.	2.728	28.23	79402.	6105.	12516.	2.	1.
13 29 34	101.	.782	115.	116.	114.	114.	2.762	28.55	79.	5800.	12208.	2.	2.
13 29 39	103.	-.122	116.	116.	114.	114.	2.762	28.25	39778.	5803.	12208.	2.	0.
13 29 44	103.	0.000	114.	116.	114.	114.	2.757	27.63	0.	5800.	12131.	-3.	-0.
13 29 49	101.	.440	114.	116.	114.	111.	2.761	27.82	40.	5784.	12217.	-1.	0.
13 29 54	102.	.147	116.	115.	108.	113.	2.764	27.90	79327.	5740.	12316.	2.	-0.
13 29 59	101.	-.258	116.	114.	111.	113.	2.766	27.77	79364.	5731.	12288.	2.	-0.
13 30 4	103.	.147	116.	115.	115.	114.	2.737	28.17	79402.	5867.	12217.	3.	0.
13 30 9	103.	-.391	115.	115.	115.	114.	2.758	28.04	79626.	5852.	12245.	2.	2.
13 30 14	102.	-.049	115.	116.	113.	108.	2.773	27.96	30000.	5789.	12316.	1.	1.
13 30 19	101.	-.196	115.	115.	114.	109.	2.770	27.72	79738.	5765.	12288.	2.	-0.
13 30 24	103.	1.075	115.	115.	114.	112.	2.764	27.85	79781.	5740.	12231.	1.	2.
13 30 29	102.	.562	114.	117.	114.	113.	2.769	28.17	79551.	5740.	12281.	1.	1.

TIME H/M/S	PR 30 TEMP SURFAC FWD PAST MOVSL SPIKE	PR 19 AIR BLEED STARTR L/HENG	AF 31 TEMP SKIN HASS WING UPR L/HOUT	AF 32 TEMP SKIN HASS WING UPR L/HIN	AF 33 TEMP SKIN HASS WING UPR R/HOUT	AF 34 TEMP SKIN HASS	PR 4 PRESS ENGINE RATIO L/H	SP 16 VOLTS DC BUSS	AF 5 FLOW FUEL L/HENG	PR 1 RPM N1 TACH GER L/HENG	PR 2 RPM N2 TACH GER L/HENG	CS 5 ATTD PITCH	CS 6 ATTD ROLL
13 30 20	102.	.604	115.	114.	114.	114.	2.762	20.12	79252.	5750.	12245.	2.	-2.
13 30 25	102.	.733	116.	112.	114.	114.	2.767	20.20	79509.	5711.	12274.	1.	-1.
13 30 30	102.	.604	114.	114.	110.	113.	2.755	20.60	79476.	5760.	12245.	1.	0.
13 30 35	102.	.513	113.	114.	112.	113.	2.762	20.36	79551.	5745.	12274.	1.	1.
13 30 40	103.	.147	118.	115.	114.	113.	2.766	20.44	79551.	5758.	12445.	2.	2.
13 30 45	102.	.196	116.	115.	113.	113.	2.761	20.17	79808.	5769.	12302.	1.	1.
13 30 50	102.	.530	108.	116.	112.	107.	2.761	27.05	0.	5799.	12217.	2.	1.
13 31 0	132.	.709	111.	115.	110.	110.	2.762	28.04	39776.	5779.	12231.	1.	1.
13 31 5	104.	-.090	115.	117.	116.	113.	2.766	20.01	79402.	5760.	12373.	2.	0.
13 31 10	99.	-.049	116.	117.	116.	112.	2.762	27.98	79514.	5755.	12381.	2.	-1.
13 31 15	102.	.440	113.	114.	112.	111.	2.764	20.06	79858.	5760.	12282.	1.	3.
13 31 20	102.	.049	114.	114.	113.	112.	2.753	20.17	79776.	5891.	12210.	2.	2.
13 31 25	101.	.733	115.	114.	113.	116.	2.751	20.17	79476.	5806.	12359.	1.	1.
13 31 30	103.	.824	114.	113.	115.	114.	2.749	20.06	79514.	5935.	12345.	2.	1.
13 31 35	104.	.607	115.	114.	114.	114.	2.753	28.23	79551.	5867.	12359.	1.	1.
13 31 40	95.	.361	115.	115.	114.	113.	2.808	20.09	79252.	5677.	12389.	2.	2.
13 32 17	99.	.049	116.	114.	114.	113.	2.941	20.44	70200.	4222.	10235.	3.	-5.
13 32 22	101.	.269	115.	112.	114.	109.	2.941	20.17	70200.	4247.	10200.	3.	-2.
13 32 35	102.	.507	114.	110.	113.	112.	2.934	27.26	70003.	4320.	10235.	4.	-0.
13 32 37	103.	.507	114.	113.	114.	112.	2.942	27.02	70720.	4247.	10221.	3.	-0.
13 32 42	104.	.090	114.	114.	114.	112.	2.932	27.74	70579.	4271.	10121.	2.	-3.
13 32 47	101.	.147	113.	113.	114.	112.	2.935	20.04	70579.	4271.	10143.	2.	-2.
13 32 57	101.	.409	113.	114.	114.	108.	2.934	27.96	70953.	4242.	10036.	2.	-1.
13 33 2	102.	.562	116.	115.	114.	110.	2.937	28.12	70003.	4271.	10107.	2.	-1.
13 33 7	103.	.293	113.	113.	112.	113.	2.943	27.96	79252.	4261.	10093.	1.	2.
13 33 12	103.	.024	113.	114.	112.	113.	2.942	28.01	70070.	4227.	10143.	2.	0.
13 33 17	102.	.342	115.	116.	112.	112.	2.934	27.96	79177.	4276.	10071.	2.	0.
13 33 27	103.	.049	115.	115.	110.	112.	2.937	27.74	79364.	4276.	10120.	1.	2.
13 33 30	103.	.049	113.	114.	113.	113.	2.936	27.26	79102.	4300.	10164.	3.	1.
13 33 35	101.	.049	113.	114.	113.	113.	2.941	27.63	70070.	4252.	10170.	2.	1.
13 33 40	103.	.049	113.	114.	113.	113.	2.933	20.17	79102.	4310.	10070.	2.	0.
13 33 45	101.	.244	115.	115.	112.	112.	2.934	20.55	79102.	4257.	10100.	2.	2.
13 33 50	103.	.090	114.	113.	112.	113.	2.934	27.63	70070.	4261.	10135.	3.	-1.
13 34 0	104.	.530	114.	112.	113.	112.	2.940	20.12	70990.	4252.	10135.	2.	-0.
13 34 5	104.	.147	112.	113.	113.	112.	2.942	27.02	70915.	4115.	10207.	1.	-10.
13 34 10	101.	.026	114.	113.	113.	113.	2.950	28.44	70953.	4242.	10207.	1.	-0.
13 34 15	104.	.709	113.	113.	113.	113.	2.949	20.33	70654.	4222.	10200.	2.	-1.
13 34 20	103.	.147	113.	114.	114.	114.	2.937	27.90	70953.	4201.	10064.	1.	-0.
13 34 25	101.	.031	113.	113.	113.	113.	2.936	20.04	70070.	4261.	10121.	2.	-1.
13 34 30	101.	.244	114.	114.	113.	113.	2.934	20.33	79476.	4261.	10207.	1.	3.
13 34 35	101.	.000	114.	114.	113.	113.	2.937	27.02	79020.	4247.	10192.	1.	1.
13 34 40	101.	.220	113.	112.	112.	108.	2.930	27.05	70953.	4201.	10093.	3.	1.
13 34 45	103.	.122	113.	112.	112.	112.	2.931	20.17	70070.	4276.	10066.	2.	1.
13 34 50	102.	.530	115.	113.	114.	112.	2.950	20.39	70070.	4222.	10192.	1.	2.
13 34 55	104.	.733	113.	113.	113.	111.	2.941	27.05	70070.	4200.	10105.	2.	1.
13 35 00	104.		113.	113.	113.	111.			70070.	4242.	10021.	0.	0.

TIME
M/M/S

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PR 30	PR 19	AF 31	AF 32	AF 33	AF 34	PR 4	SP 16	AF 5	PR 1	PR 2	CS 5	CS 6
TEMP	AIR	TEMP	TEMP	TEMP	TEMP	PRESS	VOLTS	FLOW	RPM	RPM	ATTO	ATTO
SURFAC	BLEED	SKIN	SKIN	SKIN	SKIN	ENGINE	DC	FUEL	N1	N2	PITCH	ROLL
FWD	START	MASS	MASS	MASS	MASS	RATIO	RUSS	L/HENG	TACH	TACH		
PART	L/HENG	WING	WING	WING	WING	L/H			GER	GER		
MOVABLE		UPR	UPR	UPR	UPR				L/HENG	L/HENG		
SPIKE		L/MIN	L/MIN	Q/HOUT								
13 34 59	.398	115.	109.	113.	103.	2.939	27.85	79289.	4242.	10036.	-0.	1.
13 35 4	-.293	113.	115.	112.	112.	2.884	28.12	79177.	4291.	10021.	2.	1.
13 35 9	.196	113.	116.	113.	112.	2.914	28.09	78915.	4266.	10057.	2.	2.
13 35 14	.105	113.	116.	114.	111.	2.939	27.69	78354.	4222.	10036.	2.	-2.
13 35 19	.635	113.	109.	116.	112.	2.941	27.66	78616.	4213.	10180.	1.	-1.
13 35 24	-.391	114.	114.	113.	113.	2.933	27.63	79177.	4193.	9979.	2.	1.
13 35 29	-.073	114.	114.	113.	113.	2.933	27.05	78766.	4227.	10078.	2.	0.
13 35 34	.291	112.	108.	114.	110.	2.947	28.01	78429.	4283.	10078.	2.	-1.
13 35 39	.098	113.	111.	114.	111.	2.937	27.82	78691.	4198.	10071.	3.	-1.
13 55 44	.391	114.	114.	111.	110.	2.943	28.23	78878.	4213.	9993.	0.	1.
13 51 26	.049	114.	112.	111.	111.	2.938	27.93	78841.	4198.	9993.	0.	1.
13 51 26	-.196	109.	113.	110.	110.	2.945	28.01	79402.	4038.	9964.	-0.	0.
13 51 31	-.122	110.	112.	110.	111.	2.945	28.01	79402.	4038.	9964.	-0.	0.
13 51 36	.733	111.	112.	111.	111.	2.945	28.17	78720.	4115.	10064.	1.	-0.
13 51 41	.733	111.	112.	110.	109.	2.946	28.39	78883.	4115.	10064.	1.	2.
13 51 46	-.342	112.	111.	112.	110.	2.937	27.53	79028.	4186.	10014.	1.	-1.
13 51 51	-.464	111.	111.	110.	110.	2.948	27.74	79140.	4145.	10192.	2.	-1.
13 51 57	-.244	108.	111.	110.	114.	2.950	28.01	79140.	4164.	10180.	1.	-0.
13 52 2	-.269	108.	112.	109.	112.	2.943	27.98	79252.	4135.	9979.	1.	1.
13 52 15	-.049	110.	112.	110.	110.	2.932	27.53	78654.	4135.	10064.	3.	-1.
13 52 12	-.293	110.	113.	110.	110.	2.933	27.72	78803.	4138.	10014.	3.	-1.
13 52 17	-.049	111.	112.	110.	114.	2.941	27.96	79028.	4213.	10014.	1.	2.
13 52 22	.024	111.	112.	110.	114.	2.940	27.85	78341.	4184.	9929.	2.	1.
13 52 35	.049	105.	112.	111.	111.	2.930	27.53	78378.	4125.	9950.	2.	0.
13 52 32	.024	110.	114.	110.	110.	2.939	28.49	78354.	4125.	9936.	2.	1.
13 52 37	-.098	113.	111.	110.	111.	2.943	27.82	78990.	4125.	9936.	2.	1.
13 52 42	-.171	112.	112.	110.	112.	2.944	28.28	78720.	4135.	9971.	1.	2.
13 52 47	1.515	112.	114.	110.	110.	2.947	28.39	77601.	4125.	10064.	1.	2.
13 52 52	1.051	111.	114.	110.	112.	2.945	28.44	78392.	4148.	10014.	1.	2.
13 52 57	-.031	110.	110.	111.	112.	2.941	28.33	79028.	4203.	10036.	1.	1.
13 53 2	-.342	110.	109.	111.	111.	2.939	28.52	79065.	4213.	9971.	1.	1.
13 53 7	.489	113.	112.	111.	111.	2.943	27.69	78429.	4057.	10071.	2.	-0.
13 57 20	.489	110.	111.	111.	111.	2.943	27.66	78055.	4091.	10071.	2.	0.
13 57 30	.293	111.	111.	110.	111.	2.965	28.44	78953.	4154.	10036.	1.	2.
13 57 35	.415	110.	111.	110.	111.	2.892	28.25	79065.	4446.	10604.	1.	2.
13 57 40	.431	111.	112.	111.	112.	2.764	28.06	0.	5672.	11809.	2.	2.
13 57 46	0.000	112.	112.	110.	112.	2.737	28.20	0.	5891.	12224.	1.	1.
13 57 45	.196	110.	114.	112.	112.	2.523	28.44	1350.	6528.	12929.	1.	2.
13 57 50	.196	109.	112.	111.	111.	2.450	28.06	1469.	7185.	13178.	1.	0.
13 58 0	1.124	101.	111.	108.	110.	2.202	28.23	2303.	8406.	13778.	-3.	1.
13 58 5	.978	109.	111.	107.	110.	2.051	28.09	2542.	8630.	14013.	-1.	1.
13 58 10	1.026	110.	110.	109.	110.	1.602	28.23	2939.	9681.	14583.	3.	0.
13 58 15	.855	108.	112.	110.	110.	1.614	28.12	3257.	9734.	14576.	3.	1.
13 58 20	.098	108.	107.	106.	110.	1.574	28.06	3356.	9719.	14503.	1.	4.
13 58 25	.464	110.	110.	109.	109.	1.609	28.20	3137.	9719.	14503.	1.	2.
13 58 31	-.049	108.	106.	108.	108.	1.596	28.39	2939.	9651.	14548.	2.	-1.
13 58 36	-.147	109.	106.	108.	109.	1.612	28.01	3098.	9676.	14548.	2.	-1.
13 58 41	-.049	110.	106.	108.	110.	1.637	28.17	3733.	9749.	14497.	1.	1.
13 58 41	.562	110.	111.	108.	110.	1.658	28.31	3654.	9719.	14505.	1.	2.

TIME H/M/S	P2 30 TEMP SURFAC FWD PART MOVBLE SPIKE	P9 19 AIR BLEET STARTER L/HENG	AF 31 TEMP SKIN MASS WING UPR L/HOUT	AF 32 TEMP SKIN MASS WING UPR L/MIN	AF 33 TEMP SKIN MASS WING UPR R/HOUT	AF 34 TEMP SKIN MASS	PR 4 PRESS ENGINE RATIO L/H	SP 16 VOLTS DC BUSS	AF 5 FUEL L/HENG	PR 1 N1 TACH GER L/HENG	PR 2 N2 TACH GER L/HENG	CS 5 ATTD PITCH	CS 6 ATTD ROLL
13 50 46	105.	.293	121.	112.	112.	111.	1.672	27.96	3177.	9651.	14583.	1.	1.
13 50 51	105.	.597	115.	113.	111.	111.	1.969	27.88	1787.	9671.	14519.	2.	1.
13 50 56	103.	0.000	113.	114.	118.	107.	2.928	27.96	79127.	4631.	11547.	2.	-1.
13 50 1	103.	-.024	111.	112.	109.	107.	2.928	27.96	78915.	4437.	10898.	2.	-1.
13 50 6	105.	.342	114.	112.	110.	110.	2.930	28.39	78654.	4261.	10292.	1.	8.
13 50 11	100.	.562	113.	113.	110.	110.	2.932	27.93	78766.	4308.	10242.	2.	1.
13 50 16	101.	.448	110.	111.	106.	108.	2.932	27.90	78654.	4300.	10278.	2.	-1.
13 50 21	102.	.635	110.	111.	107.	109.	2.931	27.93	78616.	4242.	10285.	2.	-1.
14 6 3	102.	.342	110.	112.	113.	110.	2.930	27.96	79182.	4339.	10178.	3.	-1.
14 6 8	102.	.538	110.	111.	111.	107.	2.933	28.17	78691.	4193.	10187.	2.	1.
14 6 13	103.	.587	112.	112.	108.	111.	2.893	27.90	78654.	4047.	10135.	2.	1.
14 6 18	104.	.855	112.	113.	107.	111.	2.890	27.90	78579.	4038.	10100.	2.	1.
14 6 23	105.	.929	112.	113.	95.	112.	2.888	28.39	79182.	4877.	9993.	1.	4.
14 6 23	104.	.611	108.	112.	101.	111.	2.897	28.49	79177.	4891.	9986.	1.	3.
14 6 33	103.	.293	108.	106.	107.	110.	2.897	28.49	79177.	4857.	10093.	1.	-2.
14 6 33	103.	.367	109.	109.	108.	109.	2.892	28.17	78766.	4872.	10100.	2.	-8.
14 6 38	105.	.538	110.	111.	108.	111.	2.884	27.90	78953.	4115.	9936.	2.	4.
45 05 05	102.	.611	110.	111.	109.	103.	2.887	27.72	79102.	4115.	9964.	2.	3.
14 13 14	106.	-.831	114.	116.	110.	112.	2.842	27.53	78953.	4573.	10748.	2.	-1.
14 13 19	106.	-.318	111.	114.	107.	111.	2.849	27.69	79028.	4582.	10898.	2.	-1.
14 53 24	106.	.587	110.	111.	110.	110.	2.843	27.53	79402.	4651.	11819.	3.	2.
14 13 29	105.	.367	111.	112.	109.	110.	2.852	28.28	79177.	4621.	11812.	2.	2.
14 13 29	105.	-.196	111.	112.	108.	108.	2.847	27.96	79482.	4797.	10948.	8.	1.
14 13 34	105.	-.415	111.	111.	109.	110.	2.854	28.33	79140.	4758.	10955.	1.	1.
0 0 0	105.	-.244	111.	114.	108.	112.	2.845	27.26	79327.	4758.	10976.	4.	1.
45 05 05	106.	.171	111.	114.	109.	113.	2.847	27.72	79402.	4728.	11848.	3.	1.
45 05 05	101.	-.391	109.	111.	108.	110.	2.843	27.05	79402.	4699.	10976.	2.	-1.
14 16 8	108.	-.220	110.	112.	106.	110.	2.843	27.96	79439.	4688.	10984.	2.	-1.
14 16 5	108.	-.098	108.	108.	108.	109.	2.974	28.76	77883.	4505.	10292.	3.	4.
14 16 10	107.	.709	109.	111.	108.	110.	2.975	28.04	77943.	3186.	7926.	3.	2.
14 16 15	106.	.440	111.	112.	109.	111.	2.989	27.53	78205.	1080.	4077.	8.	0.
14 16 21	107.	.220	111.	112.	109.	110.	2.978	27.15	77986.	978.	3158.	2.	-1.
14 16 26	107.	.147	111.	113.	110.	110.	2.974	26.77	76484.	584.	1326.	3.	-1.
14 16 31	107.	.024	111.	113.	109.	110.	2.974	27.07	77883.	564.	728.	3.	-1.
14 16 36	106.	.439	111.	112.	108.	110.	2.985	28.28	77756.	341.	180.	2.	-1.
14 05 05	107.	.538	111.	112.	108.	111.	2.980	28.49	77120.	336.	121.	3.	-8.
45 05 05	107.	.342	111.	107.	108.	110.	2.976	28.17	76504.	107.	43.	2.	0.
14 18 21	107.	.049	114.	110.	109.	111.	2.988	28.58	76205.	83.	100.	1.	-1.
14 18 27	107.	.733	111.	115.	109.	110.	2.978	28.81	78354.	126.	43.	2.	-10.
14 18 32	106.	.758	111.	114.	109.	110.	2.985	28.20	78167.	121.	43.	2.	-5.
14 18 37	107.	-.499	110.	113.	108.	110.	2.982	28.12	78354.	88.	86.	2.	-1.
14 18 42	107.	.244	111.	113.	109.	110.	2.985	28.17	78354.	92.	64.	1.	1.
14 18 55	106.	.547	110.	107.	110.	110.	2.983	27.63	78280.	-10.	180.	-8.	1.
14 18 52	106.	-.098	111.	110.	109.	110.	2.978	28.09	78354.	29.	135.	1.	2.
14 18 57	106.	-.732	95.	112.	110.	110.	2.982	27.85	78728.	107.	43.	2.	-1.
14 19 2	105.	-.259	103.	113.	109.	110.	2.986	27.63	78541.	83.	100.	1.	-1.
14 17 7	105.	0.000	111.	114.	109.	110.	2.987	28.01	77906.	58.	157.	3.	-4.
0 1 12	106.	-.098	111.	113.	109.	111.	2.986	27.80	77943.	58.	143.	2.	-3.

TIME H/M/S	CS 7 ANGLE OF ATTACK (TRUE)	AF 6 TEMP FUEL TRAP TANK 9TH CENT R	AF 29 PRESS AIR COOLER OUTLET L/HENG	EC 31 UPSTRM OF WATR S P1255- P1256	CS 34 PRES CABIN FLOW SUPPLY	EC 37 FLOMR FOTRM OF EQ BAY PY181- PY182	EC 114 TEMP ENERGY GERRT COOLING EXIT	AF 26 TEMP AIR INLET OIL COOLER L/HENG	PR 17 TEMP AIR BLEED TO R/H STARTR	SP 13 TEMP HYD OIL INLET COOLER R/H	SP 14 TEMP HYD OIL OUTLET COOLER R/H	SP 15 FREQ AC GEN L/HENG	EC 66 TEMP AIR OWNSTR OF ANTI ICE VL
12 55 53	1.60	95.4	-3.	-.064	-.039	-.029	108.	96.	110.	100.	97.	400.	99.
12 55 58	1.55	95.7	-2.	-.073	.020	-.020	108.	97.	110.	99.	96.	400.	100.
12 56 3	1.05	95.4	0.	-.029	-.015	-.005	110.	95.	107.	99.	97.	400.	99.
12 56 8	1.33	95.7	-2.	-.027	-.007	-.007	109.	95.	108.	99.	97.	400.	100.
12 56 13	1.35	96.7	0.	-.015	.020	-.020	100.	95.	106.	97.	97.	400.	101.
12 56 18	1.40	96.7	-1.	-.032	-.029	-.012	108.	95.	106.	98.	96.	400.	98.
12 56 28	1.35	97.4	-3.	-.059	-.054	-.020	107.	96.	107.	98.	97.	400.	101.
12 56 33	1.48	98.0	-2.	-.039	.024	-.010	107.	96.	107.	99.	98.	400.	101.
12 56 38	1.30	96.7	-2.	-.039	.015	-.083	108.	97.	108.	99.	97.	400.	100.
12 56 43	1.33	96.1	-1.	-.051	.024	-.066	108.	96.	109.	99.	97.	400.	100.
12 56 51	1.45	96.1	0.	-.010	.054	-.059	108.	96.	111.	98.	95.	400.	101.
12 56 56	1.60	95.7	0.	-.046	.034	-.042	108.	96.	112.	99.	92.	400.	101.
12 56 58	1.30	96.7	-1.	-.049	0.090	-.005	109.	96.	114.	104.	97.	400.	100.
12 56 59	1.33	100.3	-3.	-.034	-.015	-.007	112.	96.	110.	102.	97.	400.	100.
12 57 3	1.25	97.4	0.	-.044	.020	-.064	108.	96.	73.	97.	96.	400.	99.
12 57 8	1.33	97.1	8.	-.039	.015	-.037	108.	96.	98.	98.	96.	400.	99.
13 22 20	10	100.6	-2.	-.112	-.044	-.034	108.	99.	273.	115.	108.	400.	105.
13 22 25	-27	99.3	-1.	-.130	-.034	-.017	105.	99.	349.	116.	118.	400.	103.
13 22 30	-35	100.0	21.	-.161	0.000	0.000	105.	99.	471.	97.	103.	401.	103.
13 22 35	-.40	101.6	27.	-.152	-.087	-.007	105.	99.	478.	95.	104.	401.	101.
13 22 40	-.25	98.0	53.	-.156	-.005	-.020	107.	99.	469.	138.	117.	401.	106.
13 22 45	-.27	99.0	54.	-.159	-.005	-.029	105.	101.	437.	120.	115.	401.	100.
13 22 50	-.25	96.7	61.	-.005	.015	.054	115.	102.	457.	129.	116.	400.	100.
13 23 5	-.15	99.7	61.	-.024	-.032	-.235	110.	102.	442.	114.	111.	400.	105.
13 23 10	-.20	100.6	64.	-.054	-.039	-.596	103.	103.	405.	109.	110.	393.	101.
13 23 15	-.15	101.0	62.	-.056	.049	-.635	104.	104.	401.	104.	107.	397.	102.
13 23 20	-.35	101.9	62.	.039	0.000	-.718	108.	106.	393.	112.	113.	401.	107.
13 23 25	-.25	101.9	60.	-.156	-.044	.778	107.	109.	388.	123.	113.	400.	120.
13 24 43	-.25	99.3	63.	-.156	.415	.582	105.	119.	420.	120.	111.	398.	134.
13 24 48	-.40	99.3	64.	.583	.415	.582	105.	118.	441.	121.	117.	398.	133.
13 24 51	-.32	99.3	64.	.583	.560	.486	95.	122.	441.	121.	113.	398.	138.
13 24 58	-.05	101.9	57.	.437	.963	.308	101.	120.	495.	128.	116.	398.	140.
13 25 3	-.17	101.9	63.	.437	1.075	.269	101.	120.	508.	137.	121.	398.	146.
13 25 8	-.30	97.4	62.	.508	-.036	.249	108.	121.	508.	137.	121.	398.	146.
13 25 13	-.30	97.4	60.	.508	-.987	.291	105.	121.	513.	132.	117.	398.	144.
13 25 18	-.40	101.3	64.	.445	.811	.269	110.	121.	521.	139.	121.	398.	150.
13 25 23	-.40	101.6	60.	.420	.714	.249	100.	124.	521.	134.	119.	398.	153.
13 25 28	-.20	101.6	50.	.313	.479	.288	106.	132.	520.	123.	116.	398.	155.
13 25 33	-.30	98.7	51.	.352	.469	.308	106.	130.	523.	125.	116.	398.	156.
13 25 38	-.45	102.6	60.	.352	.308	.308	107.	125.	527.	141.	120.	398.	160.
13 25 43	-.30	102.3	61.	.335	.347	.393	107.	125.	530.	142.	120.	398.	161.
13 25 48	-.50	101.3	64.	.357	.357	.386	106.	129.	530.	139.	116.	398.	161.
13 25 53	-.40	100.3	63.	.320	.369	.403	105.	129.	532.	140.	117.	398.	162.
13 25 58	-.80	100.6	56.	.352	.308	.445	106.	130.	534.	140.	117.	398.	165.
13 26 3	-.10	101.6	57.	.301	.291	.433	105.	130.	532.	140.	119.	398.	168.
13 26 8	-.05	100.0	55.	.225	.259	.435	105.	134.	532.	135.	117.	398.	170.

TIME W/M/S	QS ANGLE OF ATTACK (TRUE)	AF TEMP FUEL TANK 9TM CENTR	AF PRESS AIR COOLER OUTLET L/HENG	EC UPSTPH OF HAIR S PY255- PY256	EC PRES CAGIN FLOW SUPPLY	EC FLOWR FMOTRM OF EQ RAY PY181- PY182	EC TEMP ENERGY GERRTR COOLING EXIT	AF TEMP AIR INLET COOLER L/HENG	PR TEMP AIR BLEED TO R/H STARTR	SP TEMP HYD OIL INLET COOLER R/H	SP TEMP HYD OIL OUTLET COOLER R/H	SP FREQ AC GEN L/HENG	EC TEMP AIR DMSTR OF ANTI ICE VL
13 26 13	-00	100.3	56.	.330	.291	.459	100.	135.	532.	131.	115.	390.	172.
13 26 18	-35	100.6	59.	.401	.557	.499	95.	136.	529.	130.	117.	390.	180.
13 26 23	-45	101.6	58.	.381	.516	.433	100.	132.	524.	134.	121.	390.	180.
13 26 29	-00	101.9	60.	.306	.499	.396	107.	134.	531.	145.	120.	390.	175.
13 26 34	-22	101.3	60.	.391	.496	.396	106.	136.	531.	136.	118.	390.	184.
13 26 39	-55	100.0	60.	.347	.479	.396	105.	134.	527.	128.	117.	390.	186.
13 26 44	-27	101.0	55.	.357	.591	.428	106.	134.	535.	139.	119.	390.	191.
13 26 49	-20	100.6	51.	.200	.836	.411	107.	131.	533.	139.	118.	390.	189.
13 26 54	-02	100.3	54.	.252	.814	.396	106.	135.	533.	139.	118.	390.	187.
13 26 59	-45	103.2	57.	.398	.665	.347	105.	133.	535.	147.	124.	390.	190.
13 27 4	-25	103.2	56.	.115	.640	.357	106.	132.	532.	142.	122.	390.	188.
13 27 9	-15	102.6	53.	.132	.596	.269	108.	130.	530.	149.	122.	390.	192.
13 27 14	-12	101.6	58.	.066	.489	.283	107.	139.	533.	149.	122.	390.	202.
13 27 19	-20	98.0	65.	.235	.283	.420	105.	141.	527.	131.	110.	390.	202.
13 27 24	-05	98.7	62.	.242	.288	.415	105.	142.	525.	130.	115.	390.	210.
13 27 29	-30	101.3	64.	.152	.249	.445	107.	142.	529.	145.	123.	390.	214.
13 27 34	-20	101.6	64.	.152	.257	.435	106.	143.	527.	141.	120.	390.	216.
13 27 39	-65	101.9	68.	.235	.244	.445	106.	134.	521.	139.	125.	390.	215.
13 27 44	-45	101.3	73.	.225	.266	.418	105.	137.	522.	135.	121.	390.	216.
13 27 49	-45	100.6	70.	.152	.239	.357	105.	136.	527.	126.	117.	390.	217.
13 27 54	-10	101.0	72.	.183	.244	.400	106.	148.	527.	135.	119.	390.	224.
13 27 59	-10	101.9	70.	.225	.383	.391	108.	136.	522.	144.	116.	390.	226.
13 28 4	-20	100.6	78.	.269	.279	.450	107.	135.	524.	143.	119.	390.	222.
13 28 9	-32	100.3	80.	.252	.266	.462	104.	142.	525.	149.	121.	390.	220.
13 28 14	-50	96.7	82.	.225	.264	.445	107.	134.	524.	142.	110.	390.	229.
13 28 19	-47	99.7	83.	.235	.261	.447	107.	137.	522.	146.	122.	390.	229.
13 28 24	-25	102.6	85.	.205	.249	.420	106.	134.	521.	137.	119.	390.	232.
13 28 29	-25	99.7	86.	.227	.259	.415	106.	136.	522.	137.	119.	390.	233.
13 28 34	-55	100.0	86.	.220	.244	.450	105.	142.	525.	135.	116.	390.	232.
13 28 39	-35	102.9	88.	.183	.376	.423	105.	142.	525.	135.	116.	390.	234.
13 28 44	-20	102.6	88.	.122	.499	.357	105.	139.	510.	130.	117.	390.	238.
13 28 49	-30	102.6	87.	.115	.472	.386	106.	139.	510.	135.	117.	390.	239.
13 28 54	-45	100.6	86.	.132	.430	.367	106.	141.	522.	136.	119.	390.	241.
13 28 59	-30	101.9	89.	.137	.440	.406	106.	139.	520.	137.	116.	390.	246.
13 29 4	-1.05	101.9	86.	.137	.386	.420	106.	141.	516.	136.	119.	390.	246.
13 29 9	-52	101.9	86.	.117	.386	.411	106.	141.	516.	136.	119.	390.	246.
13 29 14	-30	103.2	92.	.130	.164	.309	105.	141.	495.	136.	119.	390.	237.
13 29 19	-35	102.6	90.	.112	.176	.469	106.	143.	507.	141.	120.	390.	230.
13 29 24	-20	102.6	90.	.115	.196	.457	105.	143.	508.	141.	120.	390.	228.
13 29 29	-15	102.6	86.	.147	.200	.435	108.	138.	506.	143.	121.	390.	227.
13 29 34	-05	103.2	88.	.156	.196	.425	109.	142.	508.	148.	122.	390.	226.
13 29 39	-12	101.6	90.	.166	.196	.464	106.	142.	505.	148.	122.	390.	230.
13 29 44	-50	100.6	90.	.142	.174	.455	106.	143.	507.	136.	117.	390.	230.
13 29 49	-35	101.6	87.	.112	.230	.420	106.	143.	511.	136.	117.	390.	230.
13 29 54	-00	102.6	88.	.125	.213	.418	107.	143.	505.	148.	121.	390.	225.
13 30 4	-32	102.6	88.	.152	.166	.367	106.	141.	524.	136.	116.	390.	225.
13 30 9	-00	102.6	87.	.137	.174	.386	106.	141.	517.	137.	118.	390.	228.

TIME H/W/S	CS ANGLE OF ATTACK (TRUE)	AF TEMP FUEL TRAP TANK BTM CENTR	AF PRESS AIR COOLER OUTLET L/MENG	EC UPSTRM OF WATR S PY255- PY256	EC PRES CABIN FLOW SUPPLY	EC 37 FLOWPR FWTRM OF EQ 3AY PY101- PY102	EC 114 TEMP EMERGY GERMTR COOLNG EXIT	AF 26 TEMP AIR INLET OIL COOLER L/MENG	PP 17 TEMP AIR BLEED TO STARTR	SP 13 TEMP HYD OIL INLET COOLER R/H	SP 14 TEMP HYD OIL OUTLET COOLER R/H	SP 15 FREQ AC GEN L/MENG	EC 66 TEMP AIR DMSTR OF ANTI ICE VL
13 30 20	-25	100.0	92.	.132	.215	.411	106.	143.	510.	143.	119.	390.	225.
13 30 25	-12	101.6	90.	.112	.186	.440	108.	140.	510.	143.	121.	390.	222.
13 30 30	-20	103.2	89.	.132	.161	.464	109.	140.	510.	143.	121.	390.	222.
13 30 35	-05	103.2	87.	.132	.164	.455	109.	147.	516.	152.	126.	390.	231.
13 30 40	-05	94.8	86.	.898	.106	.445	106.	139.	513.	141.	121.	390.	233.
13 30 45	-12	100.0	86.	.132	.252	.442	110.	140.	513.	147.	124.	390.	231.
13 30 50	-20	102.6	87.	.117	.386	.420	106.	146.	513.	145.	121.	390.	225.
13 31 0	-05	103.2	86.	.108	.367	.420	107.	146.	513.	149.	123.	390.	225.
13 31 5	-20	101.9	85.	.188	.486	.411	106.	143.	513.	131.	120.	390.	221.
13 31 10	-25	101.0	87.	.122	.386	.403	105.	144.	513.	135.	118.	390.	228.
13 31 15	-20	103.2	87.	.073	.342	.313	107.	147.	511.	147.	122.	390.	231.
13 31 20	-20	102.9	89.	.279	.403	.547	107.	145.	494.	149.	123.	390.	233.
13 31 25	-10	103.9	91.	.448	.166	.958	107.	137.	494.	138.	121.	390.	247.
13 31 30	-15	103.2	88.	.452	.156	.831	108.	142.	508.	144.	122.	390.	248.
13 31 35	-17	101.3	89.	.095	.523	.147	106.	144.	520.	146.	120.	390.	249.
13 31 40	-20	101.4	77.	.080	.849	.244	106.	141.	512.	148.	122.	390.	250.
13 32 17	-12	102.6	81.	.015	.824	.393	108.	137.	458.	141.	122.	390.	252.
13 32 22	-20	103.2	83.	.024	-.824	.518	109.	136.	415.	145.	124.	390.	253.
13 32 35	-15	101.0	82.	.015	-.812	.520	108.	137.	369.	146.	125.	390.	259.
13 32 32	-48	103.9	82.	.028	.824	.538	109.	137.	378.	148.	125.	390.	258.
13 32 37	-37	102.3	83.	.024	.820	.530	102.	138.	373.	145.	123.	390.	255.
13 32 42	-20	98.0	85.	.820	.844	.510	106.	137.	364.	142.	121.	390.	258.
13 32 47	-32	100.6	85.	.012	.022	.525	107.	138.	364.	146.	123.	390.	260.
13 32 57	.00	103.2	82.	.073	.029	.510	106.	134.	361.	136.	119.	390.	257.
13 33 2	-20	103.2	82.	.032	.022	.511	107.	137.	363.	143.	122.	390.	258.
13 33 7	-45	103.9	87.	-.005	.034	.503	108.	131.	357.	139.	121.	390.	256.
13 33 12	-40	104.2	86.	.012	.032	.506	109.	135.	350.	139.	124.	390.	256.
13 33 17	-32	103.2	86.	.034	.024	.499	106.	133.	357.	148.	119.	390.	254.
13 33 27	-30	104.2	85.	.061	.044	.494	108.	132.	356.	142.	122.	390.	259.
13 33 33	-30	105.2	84.	.059	-.005	.543	118.	139.	356.	154.	124.	390.	267.
13 33 33	-07	103.9	84.	.054	.005	.516	111.	134.	356.	146.	123.	390.	263.
13 33 38	-20	103.2	86.	.054	.844	.409	110.	137.	356.	152.	121.	390.	263.
13 33 51	-20	104.2	86.	.054	.051	.494	110.	135.	357.	151.	124.	390.	264.
13 33 48	-20	102.6	86.	.088	.000	.494	106.	126.	349.	151.	124.	390.	263.
13 33 53	-20	103.9	86.	.028	.017	.494	108.	129.	353.	146.	124.	390.	262.
13 33 53	-05	103.9	86.	-.005	.049	.464	110.	132.	352.	147.	124.	390.	261.
13 33 58	-27	99.3	84.	.812	.837	.404	118.	136.	353.	147.	124.	390.	261.
13 34 3	.00	101.3	84.	.849	.820	.459	106.	136.	339.	139.	125.	390.	261.
13 34 8	.05	102.3	84.	.044	.015	.496	106.	135.	346.	144.	123.	390.	261.
13 34 13	-35	105.2	86.	.039	.039	.409	110.	137.	356.	156.	125.	390.	263.
13 34 18	-30	104.2	85.	.815	.020	.501	109.	136.	354.	153.	126.	390.	261.
13 34 23	-50	102.6	86.	.015	.024	.409	107.	130.	350.	139.	121.	390.	261.
13 34 29	-35	102.6	86.	.005	.012	.503	107.	131.	352.	143.	121.	390.	261.
13 34 42	-48	103.2	86.	.005	.015	.464	107.	129.	352.	139.	121.	390.	261.
13 34 39	-40	103.9	86.	.020	.824	.479	109.	132.	346.	147.	121.	390.	261.
13 34 44	-05	103.2	86.	.042	.805	.409	109.	130.	354.	149.	121.	390.	265.
13 34 49	-02	102.9	85.	.042	.010	.404	107.	130.	357.	144.	121.	390.	264.
13 34 54	-25	103.2	86.	.049	.034	.430	107.	137.	355.	147.	123.	390.	265.

TIME H/M/S	CS ANGLE OF ATTACK (TRUE)	AF TEMP FUEL TANK 3TH CENTR	AF PRESS AIR COOLER OUTLET L/HENG	EC 31 UPSTRM OF WATR S PY255- PY256	EC 34 PRES CABIN FLOM SUPPLY	EC 37 FLOMR FNDTRM OF EQ 9AY PY181- PY182	EC 114 TEMP EMERG GERTR COOLNG EXIT	AF TEMP AIR INLET OIL COOLER L/HENG	PR 17 TEMP AIR BLEED TO STARTR	SP 13 TEMP HYD OIL INLET COOLER R/H	SP 14 TEMP HYD OIL OUTLET COOLER R/H	SP 15 FREQ AC GEN L/HENG	EC 66 TEMP AIR OWNSTR OF ANTI ICE VL
13 34 59	-32	106.1	87.	.032	.024	.452	106.	132.	354.	144.	120.	390.	263.
13 35 4	-60	97.4	86.	.024	.015	.499	105.	130.	352.	139.	121.	390.	265.
13 35 9	-35	102.6	85.	.024	.027	.464	106.	129.	352.	133.	124.	390.	265.
13 35 14	-08	105.8	82.	.020	.029	.499	111.	136.	354.	147.	131.	390.	264.
13 35 19	-05	105.8	84.	.032	.037	.469	110.	137.	354.	149.	134.	390.	263.
13 35 24	-1.05	103.9	89.	.029	.020	.499	106.	128.	355.	140.	133.	390.	265.
13 35 29	-50	103.2	85.	.017	.010	.481	107.	128.	352.	142.	134.	390.	265.
13 35 34	-20	104.5	83.	-.005	.015	.494	111.	137.	355.	160.	143.	390.	264.
13 35 39	-32	105.5	82.	.005	.012	.491	109.	136.	362.	157.	142.	390.	265.
13 35 44	-10	104.5	86.	.039	.020	.450	95.	134.	355.	167.	148.	390.	265.
13 35 49	4.45	107.0	85.	.010	.017	.457	101.	132.	350.	163.	139.	390.	247.
13 35 54	10.55	111.0	85.	-.020	.049	.415	112.	142.	347.	163.	134.	390.	228.
13 35 59	10.75	111.0	85.	.012	.022	.437	112.	139.	347.	163.	134.	390.	228.
13 36 04	10.90	106.5	86.	.015	.025	.455	110.	136.	347.	156.	129.	390.	227.
13 36 09	10.40	107.4	87.	.022	.024	.411	109.	137.	346.	156.	127.	390.	227.
13 36 14	9.95	110.4	90.	.024	.010	.450	110.	130.	345.	158.	133.	390.	226.
13 36 19	9.73	109.1	87.	.005	.015	.437	111.	135.	346.	160.	130.	390.	225.
13 36 24	9.50	109.7	86.	.029	.044	.435	112.	138.	347.	158.	132.	390.	226.
13 36 29	9.55	110.4	84.	.005	.027	.433	110.	139.	349.	162.	132.	390.	224.
13 36 34	9.55	111.0	86.	.005	-.010	.464	112.	138.	349.	163.	131.	390.	225.
13 36 39	9.95	111.0	86.	.002	.017	.455	111.	138.	349.	159.	130.	390.	225.
13 36 44	5.65	118.0	86.	-.005	.015	.430	110.	132.	345.	149.	130.	390.	223.
13 36 49	-40	110.4	85.	-.005	.032	.367	110.	137.	346.	157.	130.	390.	222.
13 36 54	-35	110.7	85.	-.002	.024	.367	110.	137.	346.	157.	130.	390.	222.
13 36 59	-25	112.3	83.	-.010	.024	.440	114.	132.	349.	167.	134.	390.	226.
13 37 04	-35	111.6	95.	.005	.029	.423	112.	133.	347.	160.	131.	390.	223.
13 37 09	-10	110.4	86.	0.000	.015	.464	111.	138.	345.	156.	126.	390.	224.
13 37 14	-20	111.0	86.	.022	.027	.442	110.	138.	344.	154.	129.	390.	225.
13 37 19	-10	110.4	89.	.020	.029	.440	110.	132.	344.	153.	129.	390.	224.
13 37 24	-15	110.4	89.	.034	.044	.423	110.	134.	344.	152.	128.	390.	223.
13 37 29	6.60	111.0	86.	.005	.029	.425	111.	133.	344.	149.	128.	390.	225.
13 37 34	6.63	110.7	83.	.007	.032	.435	112.	130.	345.	161.	132.	390.	225.
13 37 39	0.00	111.0	90.	.054	.005	.430	116.	130.	346.	150.	131.	390.	223.
13 37 44	-20	112.9	88.	.024	.054	.410	106.	131.	346.	149.	120.	390.	221.
13 37 49	-17	112.6	87.	.161	.110	.584	109.	134.	367.	149.	127.	390.	220.
13 37 54	-40	113.6	85.	.459	.508	.621	114.	130.	415.	161.	131.	390.	223.
13 37 59	-38	113.3	86.	.523	.826	.599	112.	129.	445.	155.	129.	390.	224.
13 38 04	-30	112.3	90.	1.193	1.672	.635	110.	144.	530.	159.	127.	390.	226.
13 38 09	-35	111.6	88.	.931	1.442	.664	112.	146.	567.	160.	129.	390.	227.
13 38 14	-20	111.0	92.	.934	.934	.264	113.	151.	657.	159.	126.	390.	231.
13 38 19	-07	110.4	95.	.354	.819	.235	113.	151.	690.	168.	128.	390.	230.
13 38 24	-00	111.0	92.	.283	.508	.215	110.	153.	758.	156.	129.	390.	219.
13 38 29	-22	111.3	92.	.252	.474	.247	111.	151.	763.	154.	129.	390.	226.
13 38 34	-45	112.9	95.	.244	.503	.288	115.	162.	784.	165.	133.	390.	237.
13 38 39	-22	112.3	95.	.237	.401	.340	112.	158.	790.	159.	131.	390.	239.
13 38 44	-05	112.9	92.	.203	.510	.411	115.	162.	786.	167.	138.	390.	248.
13 38 49	-05	112.9	93.	.217	.494	.345	115.	164.	792.	166.	135.	390.	244.
13 38 54	-1.05	112.3	94.	.308	.474	.293	117.	171.	810.	167.	134.	390.	242.
13 38 59	-57	112.9	95.	.310	.479	.345	116.	167.	811.	166.	135.	390.	243.

TIME H/M/S	CS ANGLE OF ATTACK (TRUE)	AF TEMP FUEL TRAP TANK BTM CENTR	AF 29 PRESS AIR COOLER OUTLET L/HENG	EC 31 UPSTRM OF WATR S P4255- P4256	EC 34 PRES CABIN FLOW SUPPLY	EC 37 FLOTRM FWDTRM OF EQ RAY PY181- DY182	EC 114 TEMP ENERGY GERRR COOLING EXIT	IF 25 TEMP AIR INLET JIL COOLER L/HENG	PR 17 TEMP AIR BLEED TO R/H STARTR	SP 13 TEMP HYD OIL INLET COOLER R/H	SP 14 TEMP HYD OIL OUTLET COOLER R/H	SP 15 FREQ AC GEN L/HENG	EC 66 TEMP AIR DMSTR OF ANTI ICE VL
13 50 46	-10	111.0	95.	-303	-479	-401	114.	162.	811.	156.	133.	398.	249.
13 50 51	-00	111.0	92.	-286	-474	-415	113.	162.	801.	154.	132.	398.	249.
13 50 56	-25	112.9	76.	-064	-015	-254	114.	164.	642.	161.	133.	398.	247.
13 59 1	-17	113.3	78.	-078	-022	-327	115.	165.	623.	162.	134.	398.	247.
13 59 6	-30	113.6	90.	-064	0.000	-435	116.	169.	566.	165.	132.	398.	250.
13 59 11	-08	113.6	79.	-046	0.000	-435	114.	169.	531.	159.	131.	398.	246.
13 59 16	-05	112.9	76.	-039	0.000	-469	114.	167.	482.	167.	134.	398.	249.
13 59 21	-03	112.9	75.	-032	-002	-484	114.	165.	469.	165.	134.	398.	250.
14 6 3	-20	110.4	71.	-024	0.000	-469	114.	165.	469.	165.	134.	398.	253.
14 6 8	-02	114.9	72.	-032	-010	-467	115.	163.	396.	164.	140.	398.	253.
14 6 13	-10	120.7	72.	-044	-015	-489	117.	133.	345.	160.	147.	398.	254.
14 6 18	-15	120.4	73.	-042	-017	-479	117.	134.	344.	155.	147.	398.	253.
14 6 23	-15	120.7	72.	-020	-015	-474	116.	136.	344.	156.	146.	398.	251.
14 6 23	-12	120.7	74.	-005	-029	-462	117.	139.	354.	147.	142.	398.	249.
14 6 33	-05	117.5	68.	-064	-020	-371	116.	139.	342.	154.	145.	398.	252.
14 6 33	-08	118.1	69.	-054	-012	-420	117.	136.	341.	146.	143.	398.	251.
14 46 30	-40	120.1	74.	0.000	-029	-459	117.	136.	369.	153.	138.	398.	190.
45 05 05	-47	119.4	72.	0.000	-042	-464	117.	139.	386.	154.	129.	398.	190.
14 13 14	-15	123.3	72.	-029	-034	-503	118.	142.	398.	155.	128.	398.	197.
14 13 19	-07	123.6	72.	-051	-039	-567	119.	149.	401.	154.	125.	398.	194.
14 13 24	-48	123.9	67.	-059	-034	-562	117.	146.	408.	154.	127.	398.	191.
14 13 29	-12	123.9	65.	-071	0.000	-574	118.	148.	408.	155.	127.	398.	191.
14 13 34	-40	124.6	74.	-083	0.000	-582	119.	146.	408.	154.	127.	398.	191.
0 0 0	-25	125.2	75.	-093	0.000	-574	119.	148.	408.	155.	127.	398.	191.
45 05 05	-72	125.9	71.	-068	-037	-555	119.	148.	408.	155.	127.	398.	191.
14 16 8	-20	124.6	73.	-088	-034	-547	119.	143.	410.	155.	127.	398.	190.
14 16 5	-27	124.3	72.	-081	-044	-552	119.	141.	400.	154.	128.	391.	198.
14 16 10	-20	120.7	68.	-269	-015	-068	119.	143.	396.	154.	130.	396.	189.
14 16 15	-05	122.0	50.	-293	-032	-012	119.	143.	394.	152.	130.	400.	183.
14 16 21	-10	123.9	17.	-259	-034	-039	119.	143.	386.	153.	140.	400.	185.
14 16 26	-05	124.6	12.	-254	-022	-034	118.	143.	378.	153.	145.	400.	183.
14 16 31	-10	124.9	1.	-225	-034	-043	118.	144.	370.	150.	145.	400.	184.
14 16 36	-05	125.9	0.	-239	-037	-043	118.	144.	368.	152.	143.	400.	198.
45 05 05	-10	124.9	-1.	-230	-034	-042	119.	140.	354.	152.	146.	400.	191.
45 05 05	-20	120.7	0.	-293	-015	0.000	119.	143.	332.	152.	142.	400.	180.
14 18 21	-00	122.6	-1.	-298	-024	-015	119.	146.	310.	144.	139.	400.	180.
14 18 27	-35	124.6	0.	-357	-015	-010	120.	151.	309.	143.	136.	400.	189.
14 18 32	-22	124.3	-1.	-340	-027	-010	120.	151.	307.	143.	136.	400.	189.
14 18 37	-45	125.9	-3.	-342	-005	-015	116.	150.	307.	143.	136.	400.	189.
14 18 42	-27	125.6	0.	-330	-012	-010	118.	149.	307.	143.	136.	400.	189.
14 18 55	-10	125.9	0.	-318	-054	-024	120.	150.	307.	141.	136.	400.	188.
14 18 52	-12	125.9	0.	-323	-046	-023	120.	150.	300.	142.	135.	400.	187.
14 18 57	-30	121.4	0.	-342	-029	0.000	121.	149.	310.	144.	136.	400.	189.
14 19 2	-15	123.3	-4.	-318	-039	-012	121.	150.	307.	143.	136.	400.	186.
14 19 7	-08	125.2	-2.	-230	-005	-005	121.	150.	304.	142.	136.	400.	187.
0 1 12	-10	125.6	-1.	-237	-015	-002	121.	150.	304.	142.	136.	400.	180.

C COMPUTER

TIME H/M/S	AF 39 BULK HEAD FS476 DECF	AF 40 LOW CAP MING PIVOT	AF 41 MING PIVOT	AF 42 UP FRAME FS778 DECF
12 55 53	LOW	LOW	181.	111.
12 55 58	LOW	LOW	182.	189.
12 56 3	LOW	LOW	182.	112.
12 56 8	LOW	LOW	98.	112.
12 56 13	LOW	LOW	185.	118.
12 56 18	LOW	LOW	184.	111.
12 56 28	LOW	LOW	188.	118.
12 56 33	LOW	LOW	181.	111.
12 56 38	LOW	LOW	182.	110.
12 56 43	LOW	LOW	182.	111.
12 56 51	LOW	LOW	181.	111.
12 56 48	LOW	LOW	182.	112.
12 56 53	LOW	LOW	182.	111.
12 56 58	LOW	LOW	182.	112.
12 57 3	LOW	LOW	181.	112.
12 57 8	LOW	LOW	184.	112.
13 22 20	LOW	LOW	185.	189.
13 22 25	LOW	LOW	184.	110.
13 22 30	LOW	LOW	183.	111.
13 22 35	LOW	LOW	184.	118.
13 22 40	LOW	LOW	183.	118.
13 22 45	LOW	LOW	183.	118.
13 22 50	LOW	LOW	182.	111.
13 23 8	LOW	LOW	182.	189.
13 23 5	LOW	LOW	182.	118.
13 23 5	LOW	LOW	182.	118.
13 23 10	LOW	LOW	185.	188.
13 24 43	LOW	LOW	184.	189.
13 24 40	LOW	LOW	183.	118.
13 24 61	LOW	LOW	184.	183.
13 25 3	LOW	LOW	183.	118.
13 25 3	LOW	LOW	183.	112.
13 25 8	LOW	LOW	183.	111.
13 25 13	LOW	LOW	183.	112.
13 25 18	LOW	LOW	183.	111.
13 25 23	LOW	LOW	183.	112.
13 25 20	LOW	LOW	183.	112.
13 25 33	LOW	LOW	182.	113.
13 25 43	LOW	LOW	185.	112.
13 25 40	LOW	LOW	184.	111.
13 25 53	LOW	LOW	185.	118.
13 25 58	LOW	LOW	184.	111.
13 25 58	LOW	LOW	185.	112.
13 26 3	LOW	LOW	185.	112.
13 26 8	LOW	LOW	184.	114.

TIME W/M/S	AF 39 RJUK HEAD FS476 DEGF	AF 40 LOW CAP MING PIVOT	AF 41 MING PIVOT	AF 42 UP FRAME FS778 DEGF
13 26 13	LOW	LOW	100.	115.
13 26 18	LOW	LOW	103.	116.
13 26 23	LOW	LOW	103.	116.
13 26 29	LOW	LOW	103.	114.
13 26 34	LOW	LOW	108.	115.
13 26 39	LOW	LOW	107.	116.
13 26 44	LOW	LOW	105.	115.
13 26 49	LOW	LOW	105.	113.
13 26 54	LOW	LOW	102.	116.
13 26 59	LOW	LOW	106.	113.
13 27 4	LOW	LOW	106.	114.
13 27 9	LOW	LOW	103.	115.
13 27 14	LOW	LOW	104.	115.
13 27 19	LOW	LOW	103.	118.
13 27 24	LOW	LOW	104.	117.
13 27 29	LOW	LOW	105.	113.
13 27 34	LOW	LOW	104.	116.
13 27 39	LOW	LOW	103.	117.
13 27 44	LOW	LOW	103.	118.
13 27 49	LOW	LOW	103.	116.
13 27 54	LOW	LOW	105.	113.
13 27 59	LOW	LOW	105.	115.
13 28 4	LOW	LOW	104.	116.
13 28 9	LOW	LOW	105.	108.
13 28 19	LOW	LOW	102.	114.
13 28 24	LOW	LOW	104.	115.
13 28 29	LOW	LOW	104.	114.
13 28 34	LOW	LOW	104.	116.
13 28 39	LOW	LOW	99.	116.
13 28 44	LOW	LOW	100.	119.
13 28 49	LOW	LOW	102.	117.
13 28 54	LOW	LOW	103.	118.
13 28 59	LOW	LOW	104.	116.
13 29 5	LOW	LOW	103.	117.
13 29 10	LOW	LOW	101.	117.
13 29 15	LOW	LOW	102.	117.
13 29 20	LOW	LOW	102.	118.
13 29 25	LOW	LOW	106.	116.
13 29 30	LOW	LOW	105.	117.
13 29 35	LOW	LOW	99.	117.
13 29 40	LOW	LOW	101.	118.
13 29 45	LOW	LOW	103.	119.
13 29 50	LOW	LOW	104.	119.
13 29 55	LOW	LOW	95.	120.
13 30 0	LOW	LOW	99.	119.
13 30 5	LOW	LOW	104.	117.
13 30 10	LOW	LOW	104.	119.
13 30 15	LOW	LOW	104.	119.

TIME H/M/S	AF 19 BULK HEAD FS476 OECF	AF 40 LOW CAP MING PIVOT	AF 41 MING PIVOT	AF 42 UP FRAME FS778 OECF
13 30 20	LOW	LOW	95.	120.
13 30 25	LOW	LOW	100.	118.
13 30 30	LOW	LOW	105.	119.
13 30 35	LOW	LOW	104.	117.
13 30 40	LOW	LOW	105.	119.
13 30 45	LOW	LOW	104.	118.
13 30 50	LOW	LOW	103.	116.
13 31 0	LOW	LOW	103.	117.
13 31 5	LOW	LOW	103.	119.
13 31 10	LOW	LOW	103.	118.
13 31 15	LOW	LOW	101.	121.
13 31 20	LOW	LOW	102.	121.
13 31 25	LOW	LOW	105.	118.
13 31 30	LOW	LOW	105.	118.
13 31 35	LOW	LOW	104.	120.
13 31 40	LOW	LOW	103.	120.
13 32 17	LOW	LOW	103.	117.
13 32 22	LOW	LOW	104.	118.
13 32 35	LOW	LOW	103.	119.
13 32 32	LOW	LOW	104.	116.
13 32 37	LOW	LOW	104.	117.
13 32 42	LOW	LOW	103.	121.
13 32 47	LOW	LOW	104.	120.
13 32 57	LOW	LOW	104.	120.
13 33 2	LOW	LOW	104.	118.
13 33 2	LOW	LOW	105.	116.
13 33 7	LOW	LOW	103.	118.
13 33 12	LOW	LOW	105.	119.
13 33 17	LOW	LOW	105.	118.
13 33 27	LOW	LOW	103.	119.
13 33 33	LOW	LOW	103.	118.
13 33 38	LOW	LOW	102.	118.
13 33 51	LOW	LOW	103.	117.
13 33 48	LOW	LOW	103.	119.
13 33 53	LOW	LOW	104.	117.
13 33 53	LOW	LOW	103.	117.
13 33 58	LOW	LOW	104.	117.
13 34 3	LOW	LOW	103.	119.
13 34 8	LOW	LOW	103.	119.
13 34 13	LOW	LOW	103.	117.
13 34 18	LOW	LOW	103.	118.
13 34 23	LOW	LOW	103.	116.
13 34 29	LOW	LOW	104.	118.
13 34 42	LOW	LOW	105.	116.
13 34 39	LOW	LOW	104.	116.
13 34 44	LOW	LOW	105.	115.
13 34 49	LOW	LOW	105.	116.
13 34 54	LOW	LOW	101.	117.

TIME
MM/SS

17

AF 39	AF 40	AF 41	AF 42
RULK HEAD FS476 OEGF	LOW CAP WING PIVOT	WING PIVOT	UP FRAME FS770 OEGF
LOW	LOW	101.	117.
LOW	LOW	105.	117.
LOW	LOW	105.	117.
LOW	LOW	95.	117.
LOW	LOW	98.	117.
LOW	LOW	106.	116.
LOW	LOW	105.	115.
LOW	LOW	103.	119.
LOW	LOW	103.	118.
LOW	LOW	105.	116.
LOW	003000.	104.	116.
LOW	LOW	105.	117.
LOW	LOW	103.	117.
LOW	LOW	103.	120.
LOW	LOW	104.	119.
LOW	LOW	105.	116.
LOW	LOW	105.	117.
LOW	LOW	105.	117.
LOW	LOW	106.	116.
LOW	LOW	105.	115.
LOW	LOW	103.	119.
LOW	LOW	104.	120.
LOW	LOW	104.	120.
LOW	LOW	104.	117.
LOW	LOW	105.	117.
LOW	LOW	105.	118.
LOW	LOW	104.	119.
LOW	LOW	106.	118.
LOW	LOW	105.	119.
LOW	LOW	106.	116.
LOW	LOW	105.	118.
LOW	LOW	104.	120.
LOW	LOW	105.	118.
LOW	LOW	105.	119.
LOW	LOW	105.	119.
LOW	LOW	104.	122.
LOW	LOW	104.	121.
LOW	LOW	105.	121.
LOW	LOW	105.	121.
LOW	LOW	105.	123.
LOW	LOW	105.	123.
LOW	LOW	106.	120.
LOW	LOW	105.	123.
LOW	LOW	105.	123.

